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### Agricultural.

NOTES BY THE WAY.

oring Fair of the Van Buren County Agricultural Society-The Country Around

The Van Buren County Agricultural Society having decided to hold a spring fair this season on their grounds at the pretty village of Paw Paw, it opened on Thursday last under rather unfavorable auspices. The weather was warm, and threatened rain, and everybody who did not have their corn in the ground was too busy to leave home. The machinery men, however, were on hand in goodly numbers, as a fair at this season is really the best thing possible for them, as nearly every farmer is interested in implements and machinery at this time. On exhibition were sulky and hand plows, mowers and reapers, cultivators for both corn and fallow, threshing machines, etc., etc.

The horsemen turned out in goodly numbers also, and trotters were present from Decatur, Grand Rapids, Kalamazoo and other points. It is safe to say the trotting races were the great attraction of the fair for a majority of those present, and the horses taking part in them were of more than ordinary merit. The 2:40 race, with a field of six horses, best two in three, was quite exciting, and during its progress the grand stand was large number of ladies, who seemed equally interested in the result with the sterner sex. We had looked for a large exhibition of draft horses, as Paw Paw and vicinity has long been noted for that class of stock as well as roadsters; but the Napoleon of draft horse breeders, Mr. E. Woodman, preferred having a good time to adding to the laurels he had already won, and was numbered among the audience who criticised the performers. Mr. Baldwin, of the firm of Parsons & Baluwin, of Watervliet, seemed of the same mind, and his Percherons were left at home. Can't say as we altogether regretted this, as we found them for the first time on a fair ground with plenty of leisure. Among the horses on the ground was a Cleveland Bay stallion Luck's-All Jr., by Luck's All, dam by Anglo-Saxon. He is owned by a company consisting of Dr. Bartram, J. T. Bangs and G. E. E. Gilman, of Paw Paw. This is one of the handsomest horses we ever saw; a very dark brown, so dark as to be nearly black, and in form and conformation as near perfection as

seems possible for an animal to be-Every point is finished, and for style we never saw a horse that surpasses him. If he don't get some handsome carriage stock then there is nothing in appearance ;. A sheep-shearing was to have been one of the attractions of the fair, but it was loo late in the season to bring out many, as owners of thoroughbred flocks all shear before this. A. W. Haydon, of Decatur, brought a ram that sheared 38 lbs., the growth being something over a year; A. McWilliams, of Decatur, had one ram; G. F. Harrington, of Paw Paw, had three, one of them bred from the old Russ flock. of Cambridge, Lenawee Co., and sired by a son of Tempest; C. Lindsley of Decatur, also had a ram shorn. The official

one of the reporters present, and we did not have time to get it. The large hall was filled with a fine exhibit of foliage plants and flowers, grown by amateurs, two ladies being the principal exhibitors, and fancy needlework. The work in the latter department we never saw excelled, and exhibited a high degree of artistic skill combined with a wonderful amount of patience.

scoring of the sheep shorn was given to

A full description of the articles shown read the FARMER, but that is beyond the utmost efforts of a pencil that generally deals with the strong points of horsescattle, sheep, etc. Another notable exhibit was a large amount of school-work from the pupils in the public school at

hibited a collection of paintings, both in oil and water colors, that in many respects would be a credit to a veteran painter. His portraits were a little stiff

especially the earlier ones, but two or three small landscapes were very pleasing, and ndicated natural talent of a high order. On Friday night a number of the farm, ers of the neighborhood, with their wiver, gathered at the house of our correspondent, Mr. A. C. Glidden, and passed a very pleasant evening. Saturday morning Mr. E. B. Welch, President of the County Society, and one of the veteran sheep breeders of this section, drove us over his farm, and we had a chance to see his breeding flock The flock had of course all been shorn, and we had no chance to see their fleeces; but the breeding ewes were looking fine, and as for the party of lambs with them they were uncommonly good ones. Two buck lambs we have marked down for good ones, and will be surprised if they are not. Then a party of yearling bucks were looked over in another pasture, and in the orchard we found the 'wo rams now at the head of the flock. Little Giant 821, bred by Mr. Welch, sired by G. F. Martin (285) dam G. F. Martin (178), by Robin Hoed Jr. [288]. G. F. Martin (275) was sired by Little Monitor [161]. The other ram is Rattler (17), also bred by Mr. Welch, and sired by Martin's (190), he by Monitor [161], dam No. (156), bred by G. F. Martin, and sired by Robin Hood [188]. This ram was sold when a lamb to Mr. Curtis Young, of Kalamazoo County, who retained him for two years. Mr. Welch saw him and also some of his stock, an I never rested until he had purchased him back. He is now three years old, and this season sheared a fleece of thirty pounds with a staple 21 inches in length. He is a large sheep, big boned, shortnecked, splendid back and loin, and with width between his forelegs that gives ample room for a fine pair of lungs. He is a little coarse about the head, but this was aided by his being shorn, and when in full fleece it would not be noticed. In form we think him a model, and we hope to see him at the next State shearing to see how he will compare with other first-

rates. Both these rams are straight Atwood. The country around Paw Paw is especially adapted to sheep, and they must always be the leading stock. Most of the farmers realize this, and there are a number of good flocks, thoroughbreds and grades, in the vicinity. There are few pleasanter spots in Michigan, to our mind, than the country surrounding the pretty little town of Paw Paw.

LEGE BULLETIN NO. III. The Black Wheat Stalk Isosoma.

Isosoma Nigrum N. S. PROF. A. J. COOK.

Early last autumn, I received from Mr. Wm. Deyo, of Denton, Wayne County, Michigan, specimens of wheat straw which contained from five to sixteen larve of a four-winged (Hymenopterous) fly. The portion attacked was usually near a joint; but might be anywhere along the internode, and was found above every joint, though very rarely above the highest one. The immediate region of attack was creased and deformed, (Fig. 1),

Fig. 1-Biack dots show place of exit of fly. though not swollen, and was very hard, so that to cut it, except with a very sharp kt ife, was difficult. At this portion of the stalk, which was usually from three c. m. one and a fifth inch) to five c. m. (two inches) long, the straw was not hollow but solid throughout. By cutting into this deformed straw, the yellowish-white larvæ were found in oval cells. These cells were about four m. m. (.16 of an inch) long. I published an account of this fact in several papers of Michigan and other States, (see Country Gentleman, Vol. 49, p. 817) asking for further information. In response to these inquiries, I received several communications from Wayne and Washtenaw Counties, Michigan, in both of which the insect worked

So far as I can learn the insect has never been noticed before; and as the hardened pieces of straw break off in threshing and come out of the machine with the grain, their presence could hardly escape attention. Mr. I. S. Vandervort, of Ypsilanti, Michigan, to whom I am indebted for many specimens, says the attack was quite general in Washtenaw County, and that the short straws in the grain had been noticed and commented upon by many farmers who had not even mistrusted that insects had anything to do with it. At our Farmers' Institute held at Plymouth, in January, I found hardly a would no doubt please the ladies who farmer who had not been vexed by the small pieces of straw, yet not one had dis-

covered the cause. In the Country Gentleman, Vol. 49, p. 857, Prof. J. A. Lintner refers to similar attacks of wheat in New York, and says the cause is the same species that has done Paw Paw, such as penmanship, map drawing, etc. Frank Van Ness, a young Isosoma tritici; yet from the brief desman who has had but little training, ex cription, I think it far more likely that



Imported Percheron Stallion Marquis, the Property of Hiram Walker & Sons, Walkerville, Ont.

Isosoma nigrum is the insect which is doing the damage in New York. The farmers in Wayne and Washtenaw Counties are not sure that the damage was very great, but all reported the wheat yield below their expectations. Prof. Lintner es-60 to 75 per cent in such stalks as were at-

DESCRIPTION.

Isosoma nigrum, N. sp. Female (Fig. 5). Length of body, 4.4 m. m.; expanse of wing, 6.5 m. m.; greatest width of an terior, 1.1 wing m. m.; antennæ sub-clavate, somewhat pilose, reach to middle of thorax. The scape is a little less hairy, and as long as the two following joints together. The fourth, fifth, sixth and eleven joints are plainly marked, when viewed with a hand-glass. Head and thorax, black, dull, punctate, rugose and hairs. Abdomen, shining black, MICHIGAN AGRICULTURAL COL- polished, sparsely hairy; as long as head and thorax together, and larger than thorax. The antennæ, including scape, mouth parts, head, abdomen and thorax, except a small, rounded, light-colored spot on the pronotum, just back of the eyes, are pitchy black. The trochanters, femora, middle and posterior tibiæ, black. The anterior tibiæ, tibio-femoral joints, one-third of distal end of anterior femora and tarsi are yellowish brown. In some cases, the distal ends of the tarsi are dusky. The legs are thickly pilose. The wing veins are honey yellow, and extend to outer third of wing. Sub-marginal vein three times as long as marginal; marginal nearly twice as long as post marginal; and stigmal sub-equal. Described from more than 100 specimens. Wings in all

perfect. Variations very slight. The eggs (Fig. 2) are white; 75 to 100

Fig. 2. in number; 1 m. m. long; and each with a pedicel two-and-one-half times as long as

MALE.-(Fig. 6) length of body 3 m. m.; expands 5.8 m. m.; greatest width of front wing 1.8 m. m.; antenne sub-cylin. drical; longer than in the female; with more and longer hairs; the last seven joints sub-equal. Thorax and abdomen as in the female, except that the pronotal spot is wanting or very obscure; the abdomen slightly peduncled, shorter and hard. ly larger than the thorax. Coloration of body and appendages same as in female. Venation similar to that of female. The wings in both sexes are margined with hairs, which are rather coarse along the marginal and post-marginal veins. The general surface of the wings shows numerous short hairs. The males are nearly as



numerous as the females and all have per fect wings.

LARVA.—The larva (Fig. 4) is yellowish white; length 4 m. m.; jaws dark, without teeth. The antennæ are short, one. timated the loss in New York to be from body. Very few hairs. Stigmata very leave the cells in the wheat stalk, as

Pupa (Fig. 3).—In autumu and winter white; in late spring black. Length 4.1 m. m.; male 3.2 m. m. In autumn the wing pads are very indistinct, hardly visible; but in spring they are plainly marked.

COMPARED WITH OTHER SPECIES. This insect is very different from the I. tritici (Riley), in being me larger, in its black scape in antennæ, black mesoscutum black coxe, light instead of yellow pronoseventh joints sub-equal. Ten of the tal spot: the numerous males, and the fact that all are winged. These work to the number of from five to fifteen at one place in wheat stems, instead of one or

in the larval state. Specimens kept in a joint d, tubercles of the same color as the warm room all winter, commenced to mature insects, on March 22. At that date a male and female appeared. Each succeeding day ever since from two to eight have appeared. From straw kept that in the common out-door temperature they would not come forth from the pupa state till May. This point can be easily settled in the field in the coming season. This and the date and method of laying will have to wait determination till the insects can be studied in the field the coming May. The method of oviposition is undoubtedly much like that of I. grande and I. tritici, as described by Mr. F. M.



FREALE ISOSOMA NIGRUM, N. SP. (Magnified 10 Diam.) Fig. 5.

no teeth on its mandibles, and only one joint to the the tubercle-like antennæ. It differs from I. grande (Riley), but little in size; but in other respects the points of difference are much as above.

From the old joint worm of Fitch (I. hordei, Fitch), it differs in being larger, in having a black scape to antenna, black mouth parts, and in working in greater numbers in a single straw to solidify, in not forming a swelling and in working any where on the internodes of the straw. From I. elymi (French) it differs in be-

culture, 1884, page 383), and Dr. C. V. Riley in the same volume, page 358.

PROBABLE HARM.

If we may judge from the related insects, Isosoma hordei, (see Fitch, 7th report, p. 162) or Isosoma tritici (see Forbes 13th report, State Entomological Illinois, p. 30, and Riley Report, United States Department of Agriculture, 1881-2, p 183), we may be quite certain that the damage from this insect may become formidable. If, as I think, the insects reing much larger, and the legs are not so fully fuscous. I. elymi works in grass, species, then we have positive evidence ferred to by Prof. Lintner, are of this



which is probably true also of this species, yet they must be quite distinct, as shown by sizes. NATURAL HISTORY.

From what we know of related species, and from the fact that all the internodes (spaces between the joints) are attacked, or receive eggs, it is quite certain that the eggs are laid late in May and in June.

that they lessen the yield of wheat very materially. Indeed, we can hardly believe that so many larvæ can draw from the juices of the stalk without doing it it is still doubtful whether the wheat serious injury. The hardening of the stalk can but retard circulation of sap, month. Foreign wheat is slightly more and must interfere decidedly with the growth and development of the berry. Several farmers have told me that from including three of California and one of sant one and our reception a warm one. By September the larvæ are matured. I appearances the yield of grain in their Oregon.

found several pupæ in the cells of the fields should have been much larger. straw on September 16. I found a few | They could not account for the diminished larvæ in January. It would seem, then, | yield except by the presence of this insect, that a few of the insects pass the winter | which was very common, as seen in the numerous hardened pieces of straw which came from the machine. It is therefore greatly to be feared that this new pest will become a serious enemy to successful wheat raising, especially as from a large number I have reared but a single parasite, which as yet is undetermined. Even in a cold room during the winter, no flies if it becomes very destructive, it is more have appeared until April 20. It is likely | than probable that parasites will soon attack it, and that, like the joint worm, Isosoma hordei, it will after a time become powerless to work very serious mischief. REMEDIES.

The remedies for this evil are very apparent. As the insects are in the straw from the date of cutting till the following these will be destroyed. In case there is much green vegetation, it would be better to cut the stubble low before burning. If short pieces of the straw are found in the grain, these should be cleaned out and burned. From experiments made in the laboratory, by burying the straws in sand, and the insects still coming out, I doubt if plowing under will prove a very thorough remedy. As these have good, fully-developed wings, rotation of crops would not serve as well to protect against this insect, as it would in case of I. tritici and I. grande.

The drawings were made from life by my special student in entomology, C. P.

Essex Stock Farm, Walkerville, Ont., have sent to their branch farm in Greenfield, this county, the imported Percheron stallions Romulus and Marquis. Romu. lus is one of the best known Percherons in the country, so it is unnecessary to speak of his breeding. Marquis, of whom we give an illustration on this page, is by Romulus, and from Cozette 884 of the American Percheron Stud Book. He is a dark iron gray in color, and a much finer horse than the cut represents him to be. The placing of these horses within the reach of our farmers should prove a good thing for them if they take advantage of it.

The report of the Ontario Bureau of Industries for May states that the reports

Tace, broad in the loin, heavy brisket, sound and plump as an apple, and of much promise. We find her owner as well pleased with her as your special.

Vincent Parshall has 160 acres in his farm, and at same time is largely interested in business in the village of Hartland, owning a grist and saw mill, both doing a large business. His home and farm are pleasant and productive, his large flock of sheep are grades, bred from good registered frams, his horses and colts in fine condition, and his herd of cattle all high grades with the exception of a Shorthorn

The report of the Ontario Bureau of Industries for May states that the reports received show that the wheat was in almost as good a condition on April 1st as on the 1st of November last year. Apparently the greatest damage was done by the hard frosts and northwest winds of April and the low temperature of the first ten days of May, but the plants remain firmly rooted in all soils, and the opinion generally expressed is that with favorable weather a speedy recovery will be made.

The crop prospects in Great Britain

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The crop prospects in Great Britain

The crop in the the exception of a Shorthorn grades with the exception of a Shorthorn frames and her produce. In the fall of 1883 he purchased the thoroughbred Sprightly 2d as a six year old from her breeder, B. F. Batcheler. She was got by Oceola 17868, out of Sprightly by Oceola. Her produce is a very likely roan bull eaff, dropped Feb. 17th, 1884. He was got by Young Mary Duke, is a good, compact animal, and is developing well. The cattle and all the stock on this farm are in splendid condition, and with the exception of a Shorthorn frames and her produce. In the fall of 1883 he purchased the thoroughbred Sprightly 2d as a six year old from her breeder, B. F. Batcheler. She was got by Oceola 17868, out of Sprightly by Oceola. Her produce is a very likely roan bull eaff, dropped Feb. 17th, 1884. He was got by Oceola 17868, out of Sprightly by Oceola. Her produce is a very likely roan bull eaff, dropped Feb. 17th, 1884. He was got by Oceola 17868, out of Sprightly by Oceola. Her produce is a very likely roan bull eaff, dropped Feb. 17th, 1884. He was got by Oceola 17868, out of Sprightly by Oceola 17868, out of Sprightly 2d as a six year old from her breeder, B. F. Batcheler. She was got by Oceola 17868, out of Sprightly 2d as a six year old from her breeder, B. F. Batcheler. She was got by Oceola 17868, out of Sprightly 2d as a very likely roan bull eaff, dropped Feb. 17th, 1884. He was got by Oceola 17868, out of Sprightly 2

THE crop prospects in Great Britain appear to be far from brilliant. The Mark Lane Express of Saturday, as reported by cable, says that the cold weather brings the season dangerously late for the crops, which are already so backward. The quantity of cold rain which has fallen is unfavorable for the wheat crop, the color of which is getting worse daily. Should the weather change it is still doubtful whether the wheat would regain what it has lost during the month. Foreign wheat is slightly more active. The off-coast trade was confined to one sale. There were six arrivals, including three of California and one of

PENCIL SKETCHES BY THE

On the Wing's" Notes in Livingston County-Continuation of His Ramble

At the fsrm of Hon. Louis Meyer of Brighton, we saw a well regulated poultry yard, filled with many of the popular breeds of fowls, of which he makes a speciality. His stock includes chickens, Bronze turkeys, Toulouse geese and Pekin and Rouen ducks. In other stock we saw a party of registered Merino ewes, purchased from Hon. Wm. Ball. His stock ram is four years old, and was bred by Wm. D. Smith of Oceola Center, in this county.

C. Jacobs lives also in the town of Brighton, on the main driving road, has a farm of 80 acres, a handsome little house for a home, and one of the best built barns to be found in the county. It is 36x50, with 18 foot posts and a basement nine feet in the clear, arranged for stabling sheep and cattle; his horse barn, a good one, he has built by itself. It is one of the best in arrangement, manner of building and material in the county. The granary, in size 12x36 feet, is roomy and convenient. In stock are some good grade cattle, 115 grade sheep and a stock ram purchased from E. A. Hubbell of Hartland; also several varieties of

Frank E. Smith is east of and in the village limits, and has a grand good stock farm of 140 acres. He has lived there for a good many years, has a lot of high grade Shorthorns, almost equal to thoroughbreds, and a flock of sheep that are fairly graded up. He has a pair of rangy three and four-year-old Clydes, that hook up finely, are splendid travelers, have good feet and limbs, and will weigh about 3,000 lbs. Mr. Smith has used a thoroughbred Shorthorn bull for years. His present one is Victoria Duke, bred by Charles Fishbeck of Howell, is two years old, by Lord Raspberry 2d 48683, out of Rose of Lakeside 2d, by Sir Francis 18803, etc., running to imp. Victoria, by Swiss Boy (12164). He is a splendid animal, square and straight, good handler, and is proving a good sire.

D. Terhune, of Hartland, has a small farm of 117 acres, but keeps on it some good stock, as we notice a large flock of well graded sheep, and a good registered stock ram, bred by E. Kellogg, numbered 149, and got by his No. 87, a number of highly graded Shorthorns, and a thorfrom the date of cutting till the following oughbred three-year-old, bred by Charles May, it becomes very apparent that by Fishbeck. He is named Bolivar, was got cutting the wheat high, in which case by Prince Royal 2d, 36626, out of Lillie nearly all the insects will remain in the of Lakeside, by Rambler 27599, etc., tracing to imp. Victoria, by Swiss Boy (12164). Last but not least we see, after looking at the herd of Poland-Chinas, a handsome, stylish pair of four-year-old bay mares of Hambletonian breeding, that never ought to do a day's work on a

farm. In the town of Oceola we find some of the best land to be found in the county, it being heavier than most we saw, and well adapted for wheat, yet it is a good grass town, and as a sequence we find in it many good flocks of registered sheep and thoroughbred cattle, there being of the former about 500 head within a radius of two miles from the center of the town, as well as several herds of Shorthorns, all of which we intend to

Shorthorns, all of which we intend to visit on this trip.

Robert Browning has 140 acres in his farm, has a fine house and good barns, and is something of an admirer of good stock, for in his yard we find the four-year-old Leah, bred by B. F Bateheler, got by Young Mary Prince 34156, out of Roxie 2d, by Oceola 17868; of her produce we find a yearling bull by Young Mary Duke 45227, and a red heifer call by same that we consider one of the best by same that we consider one of the best we have seen in the county. She is perfect little beauty, lines straight as could be drawn, handsome head, clean face, broad in the loin, heavy brishet,

nucleus of a still larger t erd.

Myron Curdy has a noble farm of 280 acres, upon which he has spent nearly 40 years of his life, during which time he has made many improvements, for his farm is well fenced, the buildings all first-class, and what pleased us nuch is the fact that he has been a subscriber of the Farmer for many years for on

HAMBLETONIAN SIRES.

(Continued).

In considering the comparative merits of the sons of Hambletonian we should have reference to their own speed, their ability to beget, and last, but not least their ability to beget producers of speed for successive generations.

Of the eighty-four sons of Hambletonian who have succeeded in producing one or more 2:30 trotters, only six have records showing their ability to trot that fast themselves. That many more of the eighty-four would have done as well if they have been trained and campaigned, there can be no possible question. At the same time, it seems to be equally clear that a horse with a trotting inheritance may succeed as a sire although he has no speed himself. Speed would seem to be a family characteristic that may be dormant in individual members of the family, but show itself with increased vigor in succeeding generations. On the other hand a sire's own capacity to trot fast largely increases his chance for success in the stud, and it is not believed that any of our fast trotting stallions would under favorable conditions fail to reproduce themselves. George Wilkes, 2:22, was one of the fastest sons of Hambletonian his sons, however, have sired 2:30 trotters, but he did not go into the stud until 1873. after years of service on the turf, and he died in 1882.

Alexander's Abdallah only sired five 2:30 trotters, among them Goldsmith's Maid 2:14, but he died in his prime from cruel treatment received when taken from Woodburn by some thieving guerrillas near the close of the civil war. That he was one of the best if not the very best son of Hambletonian is shown by the fact that ten of his sons have sired 2:30 trot. ters, among them Almont with 24 to his credit, Wood's Hambletonian with 12, and Belmont with 10.

have got 2:30 trotters; Belmont has four such sons, and both of them have a large progeny yet to be heard from.

As the records now stand the family of Alexander's Abdallah is the greatest in ability to transmit speed from generation to generation.

Volunteer has sired 23 who have entered the 2:30 list, and 12 of his sons and two grandsons have each sired one or more, but his great power does not thus lin's Almont Jr., who is his most success far seem to have been inherited by any ful son in the stud, and when his years of his sons, although Goldsmith's Abdal. are considered, one of the most success lah, Hamlet and Louis Napoleon each ful sires yet produced. The four per make a respectable showing. Louis Na. formers to his credit place him at the poleon heads the list with four to his head of the great grandsons of Hamble credit, among them Jerome Eddy, 2:164. tonian.

Alexander's Abdallah, George Wilkes and Volunteer have each founded a family and their merits as trotting sires are recognized by all. Other sons of Hambletonian have distinguished themselves by producing one or more performers of extraordinary speed. Harold has secured enduring fame through Maud S. 2:091. the queen of the trotting turf. Dictator. the sire of Jay Eve See 2:10, the king for of 18 other 2:30 performers. He promises to prove one of the greatest of Hambletonian sires.

We will now pass to the consideration of the assistance received by the Hambletonians from other families, the crosses with which they have been successful. and we will take up in turn the American Star cross, the Mambrino Chief cross, the Clay cross and the Pilot Jr. or pacing cross.

THE STAR CROSS.

Hambletonian himself sired thirty-nine 2:30 trotters and fourteen of them were from mares by Seeley's American Star among them the incomparable Dexter 2:171, who drove Ethan Allen and run ning mate out in 2:15.

It is a suggestive fact in this connectio that Artillery and Hambletonian's Last both of which entered the 2:30 list in 1884 eight years after the death of the old horse were out of Star mares. The records show that mares by American Star have produced 36 2:30 or better trotters, and all but five of them were got by Hamble tonian, his sons or grandsons. The very great success of this cross makes the ped igree of American Star very significant and important, and it is much to be regretted that it is not entirely authentic. It is certain that he was sired by a horse called American Star, and it is generally believed that this was Stockholm's American Star by Duroc, one of the best sons of Imported Diomed. Sally Slouch, the dam of Seeley's American Star, was always represented to have been, and undoubtedly was, a daughter of the celebrated race horse, Henry, and from a mare by Imp. Messenger. Henry was by Sir Archy, a distinguished son of Imp. Diomed, and Henry's dam was also by Imported Diomed. There are other versions of the pedigree of Seelev's horse. but from all the evidence so far adduced it seems to be reasonably certain that the blood of Imp. Diomed predominated in his veins. This to the mind of the writer is an explanation of the fact that while his daughters were very successful as producers of speed his sons were failures. His daughters were only successful when bred to Hambletonian and other Messenger stallions, which would seem to indicate that the blood of Imp. Diomed has been useful in the production of suitable brood mares. The Star cross has also produced 22 successful sires, 19 of them being by Hambletonian himself. The most successful ones are Aberdeen, Dictator, Jay Gould, Sweepstakes, Masterlode and Walkill Chief. But it is not alone through the daughters of American Star that the Hambletonians have utilized the blood of Imp. Diomed. Volunteer is nothing more or less than a Hambletonian-

Ster in another form. His dam, Lady Patriot, possessed Diomed and Messenge blood in about the same proportions as Seeley's American Star. Lady Patriot probably had more Messenger blood than Star, and it is more than probable that the unknown elements in both pedigrees were largely Messenger. Volunteer has shown a decided affinity for Star blood seven of his 23 2:30 performers being from Star mares, and the dam of Louis Napoleon, so far his most successful son, was Hattie Wood, whose first and second dams both trace to Imp. Diomed in the direct male line. The dams of Hamlet and Goldsmith's Abdallah, two other of the more successful sons of Volunteer both possessed Diomed blood.

Sentinel, a full brother to Volunteer met with his greatest success in the same direction. Young Sentinel 2:26 was from a Star mare, and the dam of Grand Sentinel 2:271 traces to Diomed two or three times.

Messenger Duroc now has on his roll of honor nine 2:30 performers and four sons who have sired one each. He is remarkably in-bred to both Messenger and Diomed, and it is believed that if he was taken to Kentucky, and given the benefit of that great climatic out-cross he would equal if not excel any Hambletonian that has had that advantage.

Edward Everett has sired 11 2:30 trot ters and four of his sons have sired i one each. He is frequently cited as an in stance where a thoroughbred cross has proved successful, his dam being recorded in Bruce's Stud Book as having been by Imp. Margrave, and her dam by Trumpet and by far the greatest campaigner. He or, etc. It is stated that this pedigree has the proud distinction of having sired was inserted on the authority of one who more 2:30 trotters than any other son of was not her breeder, and it cannot there the old Hero of Chester. Only four of fore be regarded as authentic. One writer who was familiar with both families, has asserted that there is a striking resem blance between the Everetts and the Stars and that Everett undoubtedly had one or two Diomed crosses close up. (Helm's American Roadsters and Trotters, p. 244, 249).

Middletown sired five 2:30 trotters and three of his sons have each sired one or more. His dam traced to Imp. Diomed through American Eclipse.

Administrator, August Belmont, Eche and Rysdyk are sons of Hambletonia whose dams possessed more or less of Diomed blood. Indeed there are at least 25 of the successful sires, among the sons Alment has also sired six sons who of Hambletonian, in addition to the Stars whose dams possessed an infusion of the blood of the first winner of the Derby.

This makes a total of 44 of the success ful sons of Hambletonian who stand to the credit of the Star or Diomed cross.

Almont, the greatest grandson of Hambletonian, got more than half of his 24 2:30 trotters out of mares with one or more strains of Diomed blood, and among his performers so bred is Ham-

To show the importance of the Star blood to the Hambletonions we will make one other reference: Major Edsall was foaled in 1859, his sire was Alexander's Abdallah and his dam was by Harris' Hambletonian; he was a trotter himself having won quite a number of races and made a record of 2:29, and yet he was not a success as a sire; but when he was bred to Nancy Whitman, a mare by Seeley's a day, and of Phallas 2:134. Happy Me. American Star and whose dam was also dium is the sire of Maxy Cobb 2:132, and Diomed and Messenger, he got Robert McGregor, a trotting stallion of the high est merit. McGregor has trotted fifty three heats in 2:30 or better. has a record of 2:174, is said to be well gaited and a game finisher, and is certainly as handsome a horse as one would wish to look at. It is remarkable that Major Edsall could sire such a horse and in a long career in the stud not be able to get another 2:30 performer. Nancy Whitman, with her Diomed and Messenger blood combined, is apparently entitled to all the honors.

(To be continued.)

#### THE KALAMAZGO COMBINATION

SALE. Below we give a list of the animals sold the name of the purchaser, and the price

paid for each at the recent combination sale at Kalamazoo. For a first attempt the sale may be set down as a success, although the prices paid, as a rule, were below the value of the animals: S. A. BROWNE & CO.'S CONSIGNMENT.

Peru Belle, g m, foaled '68; sold to B. G. Kimbal, Bradford, Mass.; sire, Ranger, dam, 

awk, \$100. Enroller, b c, foaled '84; sold to A Van Log m, Kalamazoo; sire, Empire, dam, Maggie, Belle Stroh, b m, foaled '79: sold to B. G. Kimbal, Bradford, Mass.; sire, General Custer, Nilipa, Basan, James Ham, Fip, \$330.

Novelty, b m, foaled '70; sold to J. Studebaker, South Bend, Ind.; sire, Hamadah, dam.

baker, South Bend, 1nd.; sire, Manadan, Nora, \$300.
Spiletta, blk m, foaled '75; sold to C. V.
Lawrence, Climax; sire, Doble, dam, the dam of Russie Hill, \$250.
Lady Arnold, blue r m, foaled '81; sold to B.
G. Kimbal, Bradford, Mass.; sire, Arnold, dam,

Grey Squirrel, \$180.

Airhold, Mass., sire, Arhold, dam, Lady Humphrey, \$475.

Grey Squirrel, \$2, foaled '77; sold to G. A. Miner, Marshall, \$180.

Irvington, bc, foaled '83; sold to C. V. Lawrence, Climax; sire, Indicator, dam by Old Charlie, \$145.
Jerome, b g, foaled '80; sold to J. Stude baker, South Bend, Ind.; sire, Jerome Eddy, dam by Bay Middleton, \$190.
Turney, b g, foaled '75; sold to J. Studebaker, South Bend, Ind.; sire, Fayette Densates, \$150.

mark, \$190.

Maggie M., bik m, foaled '83; sold to L. J.
Diebl, Butler, Ind., sire Young Wilkes, dam
Nellie Clark, \$285.

Nellie Clark, \$335.
Wilkesetta, b m, foaled '83; sold to B. G.
Kimbal, Bradford, Mass.; sire, Young Jim, Kimbal, Bradford, Mass.; sire, Young Jim, dam Splietta, \$295.

Queen Gift, br m, foaled '78; sire, Mambrino Gift: dam, Flora; sold to J. Studebaker, \$220.

Molly, g m, foaled '77; sold to same for \$300.

Cloudlette, ch m, foaled '82, sold to J. F. Studebaker, South Bend; sire, Black Cloud, dam, Dalsy, \$310.

Symbolic, br g, foaled '76; sold to D. D. Streter, Denver; sire, Louis Napoleon, dam, Seotia, \$925.

WALTER CLARK'S CONSIGNMENT. WALTER CLARK'S CONSIGNMENT.

[The sire of all the horses sold of this consignment was Sut. Lovingood:]
Louis, b g, foaled '83; sold to W. Smith, Battle Creek; dam by Cady's Champton, \$150.

Ellis, sg, foaled '83; sold to F. J. Hill, Battle Creek; dam, Butler's Eureks, \$115.

Judd, br g, foaled '83; sold to B. Vosburg; dam by Grey Denmark; \$165.

Amy, b m, foaled '83; sold to B. Vosburg, Galesburg; dam, Minnie Cady, \$155.

Young Sut, s g, foaled '80; sold to F. E. Wells, Kalamazoo; dam by Pilot Mambino, \$160.

\$160. Rudolph, ch g. foaled '82; sold to H. Har-Rudolph, ch. g. Toaled '82; sold to H. Harrigan, Kalamazoo; dam by Swigert, \$170.

Nina, b m, foaled '82; sold to J. K. Gilbert,
Kalamazoo; dam by Pilot Mambrino, \$235.

Topsey, blk m, foaled '83; sold to James
Moore, Kalamazoo; dam, Unknown. \$60.

Jerry, blk g, foaled '83; seld to S. H. Clement, Plainwell; dam by Dewey's Fearnaught,
\$20

Fannie, b m, foaled '80, sold to J. Studebak-r, South Bend, Ind.; dam by son of General er, South Bend, Ind.; dam by son of General Knox, \$100. Lottle, b m, foaled '83; sold to A. S. Perrin, Parkville, Mich; dam by Cady's Champion,

Parkville, Mich; dam by Cady's Champion, \$100.

Julia, ch m, foaled '82; sold to C. J. Hayes, Kalamazoo, Mich.; dam by Humboldt, \$510.

Bristol, ch g, foaled '81; sold to C. J. Hayes, Kalamazoo, Mich.; dam Silky, \$295.

Ned, b g, foaled '82; sold to J. Chapin, Battle Creek, Mich.; dam Nina Beech, \$220.

Colonel, b g, foaled '81; sold to L. Weinstein, Battle Creek, Mich.; \$230.

Dick, s g, foaled '82; sold to Wm. Hotop. Kalamazoo, Mich.; dam Belle of Jefferson, \$295.

A. H. WILLARD'S CONSIGNMENT. Mapleton, br g, foaled '74; sold to G. H. Clark, Chicago, Ill.; sire New York, dam Lady

Clark, Chicago, Ill.; sire New York, dam Lady Mackme, \$300.
Lowell Chief, b s, foaled '79; sold to H. J. Hendricks, Nebraska; sire George H. Lowe, dam Bluegrass, \$300.
Charlie Clay, br g, foaled '77; sold to L. J. K ansauss, Mendon, Mich.; sire Gould's Clay, dam by Scott's Hiatoga, \$125.
Fannie Harris, b m, foaled '72; soldito G. H. Clark, Chicago, Ill., sire Hambletonian Star, dam by Magna Charta, \$375.
Fannie Clay, br m, foaled '76; sold to T. C. Wood, Augusta, Mich.; sire Gould's Clay, dam by Strader's Clay, \$195.
\_\_\_\_\_\_ b m, foaled '79; sold to G. H. Clark, Chicago, Ill.; sire Magna Charta, dam by Fisk's

Chicago, Ill.; sire Magna Charta, dam by Fisk' Mambrino Chief, \$625. Mambrino Chief, \$625.

Black Maria, blk m, foaled '71; sold to G. H.
Clark, Chicago, Ill.; sire Strader's Clay, dam
by Chenery's Grey Eagle, \$215.

Zadie Clay, br m, foaled '75; sold to W. Toby, Climax, Mich.; sire Gould's Clay, dam
Zadie, \$165.

Clayatta blk m, foaled '76.

Zadie, \$165.
Clayetta, blk m, foaled '80; sold te L. M.
Wing, Coldwater, Mich.; sire O. B. Gould,
lam by Gould's Clay, \$460.
Lady Abdallah Clay, eh m, foaled '77; sold to
A. O. Hyde, Marshall, sire Gould's Clay, dam
by John M. Botts, \$230.
Owosso Belle, br m, foaled '74, sold to A. O.
Hyde, Marshall, sire Louis Napoleon, dam by
ld Snip Printer. \$210.

Old Snip Printer, \$210.
Alice Clay, blk m, foaled '79; sold to Mr.
Hyde, Marshall; sire O. B. Gould, dam by
Gould's Clay, \$200.
Lottle Clay, b m, foaled '82; same buyer; sire
Abdallah Clay, dam Nannie Clay, \$200.
Clara Clay, br m, foaled '82, same buyer;
same stre, dam Lady Clay, \$300.
Mittle Harris, b m, foaled '82; sold to H. J.
Hendricks, Lost Creek, Neb.; sire Joe Gavin,
dam Fannie Harris, \$410.

H. WALKER & SONS' CONSIGNMENT. Prince George, bg, sold to C. E. Wagner Kalamazoo; sire Erin Chief, dam by Kenneth

bl80.

H. G., b s, sold to A. W. Van Loghem,
Kalamazoo; sire Rysdyk, dam Old Kate, \$300.
Jennie Rysdyk, b m, sold to D. S. Howard,
Portage; sire Rysdyk, dam Fanny, \$235.
Kate, br m, sold to Orrin Stone, Kalamazoo, \$125.
Prescott Belle, b m, sold to H. C. Reed,
Kalamazoo, Mich.; sire Rysdyk, dam Bell,

Vesta, b m, McFarran strain, sold to G. W. Miller, \$150. Clay Ella, black mare, 15½ hands high, Clay's Abdallah stock, sold to R. Hendryx, \$245. \$245. Kate Curtis, br m, sired by Magna Charta, dam Briggs Hambletonian; sold to R. Hen-

dryx, \$215 Harness makers guarantee the Boss Collar Pad



Mr. Leander Wetherell in course of the

liscussion in forage crops by the farmers club which has held weekly sessions at Boston for the past five months, made the following remarks, as reported by the Massachusetts Ploughman, which has furnish ed very full stenographic reports of the

"Forage plants comprise the grasses which include maize, oats, barley, millet, Hungarian grasses, etc.; the clovers are called artificial grasses, as red clover, white clover, cow grass, lucerne, with sev. eral other species of clover of less value. The grass order is known as gramines and it comprises the forage food of the live stock of the farm, as grazed and fed both green and dry. The grasses are defined by botanists as endogenous plants, having simple leaves, stems generally jointed and tubular, varying greatly in ength. This definition includes wheat, rye, oats, barley, maize, millets, sorghum Hungarian grass, etc., etc.

"The grasses best known to farmers are meadow foxtail, sweet scented vernal grass, oat grass, orchard grass, timothy, the peas, Kentucky Blue grass being the most notable of this genus, Rhode Island Bent, red top, with other pasture species too numerous to mention now. For hay timothy is the best of these grasses enumerated, and for pasture, spear grass, pos pratensis.

"Of the artificial grasses, the red clover and the white or Dutch clovers are the best; the zigzag or cow clover is named in England and in the Southern United States, as is lucerne. Cow grass is de, fined as a perennial variety of red clover It grows indigenously in dry pastures and grasses and for alternate husbandry when two crops of pasture are taken. It is recommended to be sown three pounds of seed per acre, for permanent pastures and to be cured for hay in orchards and other shady grounds which it is desirable to keep down to permanent pastures. A down at 16,000.

and so do oats cut green and cured as hay, cattle seeming to prefer such dry forage to dried grasses of the ordinary kinds. Cut oats for dry forage when in bloom, or not beyond the milky state of the grain.

"The millets, a mixed tribe of forage plants, are less popular now than they were a few years ago; and so is Hungarian grass. The latter may be grown after an to grow weeds to suck up the fertility of the soil, and to seed the ground for an-

other crop of weeds.

cutting weighed 55 tons per acre when green and 8 tons when dried; the third days, equal to 16 tons of dried fodder."

Short or Long Coupling of Wagons. An inquiry has arisen of late of some interest to our farmers and all other who use laden wagons. The question is whether a wagon, or other four wheeled vehicle, should be coupled up close, or at a distance between the fore and hind wheels?

We were always taught to believe that the nearer the fore and hind wheels were together, to avoid touching each other in turning, the more easily the team could haul the load. But recent developments have completely unsettled our old theory, and we now learn for the first time that we are all wrong. One or more Pennsylvania gentlemen

surprised to find them using two horse wagons coupled four and sometimes six mixture of all these. feet between the wheels. And then we observe that all the pleasure vehicles used apart. One northern man, who was accustomed to hauling heavy logs in the loging region, informs me that the experience of wagoners un there, is that fully eight or ten hundred pounds more can be signs as a reason for it, that only one, cr at most two, wheels are obstructed by a mud-hole at one time, and whilst one fore wheel is in the mud the hind wheels are on firm ground, and when the fore wheel reaches the firm ground, then only does the hind wheel meet the difficulty.

Then the length of body creates, or gives means for an elastic or springy movement, which does not exist when every wheel is up close together. This and merciful work may be accomplished. and settled-Southern Planter.

The Laws of Heredity.

1. That from the male parent is mainly i dew is off. derived the internal structure, configuration, and outward characteristics, also the ocomotive system of development. 2. From the female parent is derived the

internal structure, the vital organs, and iy the little turkeys come home every night. a much greater proportion than from the A hen mother will come home at nightfall, male, the constitution, temper and habits, in which endurance and bottom are in- few nights be hunted up and be driven cluded.

3. That the purer the race of the parent the more certainty there is of its trans the greater purity is on the side of the a day. - Maine Farmer.

4. That, apart from certain disturbing influences or causes, the male, if of pure race, and descended from a stock of uniform color. stamps the color of the off.

5. That the influence of the first male is not unfrequently protracted beyond the birth of the offspring of which he is parent; and his mark is left upon subsequent progeny.

the vital organs is more certain if on the side of the female, and diseases of the joints if on the side of the male parent. Although the influence of the male on the female is well known, it is not so generally admitted that the female exerts in-

fluence on the male when mated with subsequent females. It is expecting too much of a first class stallion to expect that all his offspring will turn out as good as himself, when he is mated with a number of mares, many

of which are inferior.

Agricultural Items.

THE Jersey cow Princess 2d, for whom is claimed a butter yield of 46 lbs. 1214 ozs. of butter in seven days, was fed daily during the test 22 quarts of ground oats, 15 quarts of pea meal, two quarts of linseed oil cake, one quart of bran, and what beets, carrots and clover hay she would eat.

NEXT to clover, perhaps millet is the best forage crop. It requires rich land and a warm season. It is hardly of any use to sow miller ill the middle of June, and the time of growth is till about the middle of September. It should be cut in the most succulent condition to be the most valuable.

THE State Fish Commissioner of Indiana has not a high opinion of the carp as food fish. The fish is not so fine and well flavored as that of It grows indigenously in dry pastures and does well when sown with the permanent is corroborated by others who are posted, yet the bass and other native fish. This opinion the dispersion of carp is continued, and columns written in its favor-by those who have carp to sell.

THE Eaton Rapids Journal advocates the following method of treating seed corn before planting, which is advocated by Mr. Harlow of Aurelius Township, and has been tried by bushel of the seed weighs 64 pounds, an 1 the Journal editor: "To half bushel of shelled the number of seeds in an ounce is set corn pour on a tea-kettle of scalding hot water; stir for awhile to heat the corn evenly; "Peas and oats grown together and cut let it stand for about ten hours; then drain off green make good fodder when cured; the water and roll the corn in some land plaster (enough to cover it well). In two or three days it will sprout nicely (if the seed is good), and be ready to plant. If planted by careful hands in moist ground it will soon be up and ready to cultivate." There is a couple of days' time to be gained by the rapid germination of the corn, worth saving in a late season.

In the discussion on forage crops at the farmers' meeting at Boston, reported by the early cut oat crop or rye, and thus prevent | Massachusetts Ploughman, one of the speaka crop of weeds, as no farmer can afford ers described a corn-marker which he had "invented," as follows: "I went to the blacksmith and got an iron 'ex' that fitted the hind wheels of my buggy and had it made so the Scotla, \$225.
Inverness, ch m, foaled '81; sold to J. K.
Gilbert, Kalamazoo; sire, Indicator, dam,
Middness, \$225.
Rosebud, ch m, foaled '80; sold to H. C.
Reed, Kalamazoo; sire, Star Hambletonian,
dam by Hiatoga, \$200.
Salina, ch m, foaled '81; sold to G. W. Miller,
Kalamazoo; sire, Grand Sentinel, cam, Flora,
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Salina, ch m, foaled '81; sold to G. W. Miller,
Kalamazoo; aere, and sowed it about the middle of fast, and went out to mark the piece, riding

May: Cut first at the end of 45 days from over these wheels. He could see over the sowing, and it was seven feet high and wheels of the buggy readily. He can go weighed, green, 30 tons per acre, and straighter with it than you can draw a chain when dried 61 tons per acre; the second and he is making two marks at a time. The crop at the end of 45 days from the first man sits on it easily, and has only one wheel to take care of. He soon becomes accustome to drive three and a half feet from the las row. He can look over the field and easily crop 14 ton per acre when dried, the take care that the wheel is at the right disweather having been unfavorable; in all, tance from the last mark. Although the horse 95 tons of green fodder was grown in 135 | walks quickly, the man will drive three and a half feet from the mark without trouble. fast walking horse will mark ten acres a day,

# The Poultry Pard.

both ways, easily."

To begin with, restrain your desire t count your young turkeys, and let them alone for the first 24 hours after they get into this "cold and unfeeling" world At the expiration of that time they will be quite strong and decidedly hungry: remove them to a clean, airy, roomy coop, and give them their first meal-only it musn't be meal at all, but boiled eggs, have come to the country and we were stale wheat-bread crumbs just moistened with milk or water. "Dutch" cheese, or a

For the first two weeks feed entirely the eggs, bread, curds, cooked rice and in the country too, are coupled very wide | cooked oatmeal. About the third week commence feeding cooked cornmeal; and from that on they may be given any cooked food suitable for chickens of the same age. Season all food slightly with salt and pepper, and twice a week add a drawn on a wagon coupled long, than level tablespoonful of bone meal to a pint close up between the wheels. One asfood of any kind, except sour milk, and never feed any uncooked food of any kind until after they have thrown out the red on their heads. Feed often, five or six times a day, until they are three months old: then, if insects are numerous, you may gradually reduce the number of meals per day to three or even two.

After they are three months old, they may be given wheat, cracked corn, etc., but no whole corn until they are some to the coop dry and the corn which could be coop dry and the coo seems to be a small matter, but when we five months old. Keep the coop dry and can by any means lessen the draft of the clean, and the turkeys out of the dew and POWELL BROS. team without lessening the load, a good rains until they are fully feathered, and have thrown ont the red. Dampness and And if the fact is so, even if the reasons filth will kill young turkeys as surely as a assigned are insufficient, the matter is of dose of poison. For the first few days sufficient importance to be enquired into confine the poults to the limits of the coop and safety run; then, if all appear strong and well, give the mother hen and her brood liberty on pleasant days after the

If they get caught out in a shower, get them to shelter as soon as possible; and if any are chilled take them to the house and thoroughly dry and warm them. See that but the turkey mother must for the first home. After they are three months old, turkeys are quite hardy, and may be allowed range at all times. If turkeys that mitting its qualities to the offspring; san are well cared for, and have always seemtwo animals are mated, if one is of purer ed all right, show signs of drooping when descent than the other, he or she will ex- about six weeks or two months old, give ercise the most influence in stamping the Douglas mixture in the drink or food, and character of the progeny, particularly if add a little cooked meat to the food once

Is not always innate or born with them, by many instances are known where it has been coulred by the persistent and judicious of Dr. Harter's Iron Tonic.

NEW ADVERTISHMENTS.



and price list. DIMON CREEPERS.

In this new breed of fowls are combined more tesirable qualities than in any other variety exant. They are the "Ne plus ultra" of all donestic fowls. Eggs can be obtained from the riginator for \$3 per sitting. Orders received ow and booked as received. All inquiries will be promptly answered Address ny20 JOHN DIMON, Walkerville, Ont. MILFORD FANCIERS

breed high-class Light Brahmas, White Cochin Langshans, Plymouth Rocks, Brown and Whit Leghorns; also Pekin Ducks. Eggs for hatchin \$1.60 per sitting of 13. Order soon; \*\*satisfactio guaranteed. Address N.A. CLAPP, mr31- Milford, Mich.

EGGS FOR HATCHING. Pure-bred Brown Leghorns, Plymouth Rocks, and Light Brahms eggs at \$1 25 per setting, three settings \$3. T. I, SUTTON, Sutton P. O., ai4-5t;mileowtf Lenawee Co, Mich.



Pat. Channel Can Creamery Used in dairies now all over the U. Makes more butter than any other process with less ice. We manufactuchins, butterworkers, etc. First orde at wholessie where we have no agent Agents wanted, Send for circulars.

WM. E. LINCOLN CO.,
Warren WM. E. T. LINCOLN CO.,

NEW ADVERTISEMENTS.

#### 1885. **OWOSSO** BREEDING STABLES.

LOUIS NAPOLEON 207, ire of Jerome Eddy, 2:16¼; Spinella, 2:26¼ Myrtle, 2:27¼; Louis R., 2:29¼, and ten others with trials in 2:21 to 2:38. Season, \$100.

CEORCE MILO 1313. Brother of Jerome Eddy. Season, \$50 00. FUROR 3026,

By King Rene; dam by George Wilkes. Season \$50 00. JO CAVIN 564, Sire of Cora Bell, 2:2914. Season, \$25. To insur \$35.00.

BONNIE WILKES 3261. By Bourbon Wilkes; dam by Alexander's Abdallah. Sesson, \$25. To insure, \$35. Send for our Catalogue.

DEWEY & STEWART, Owosso, Mich.

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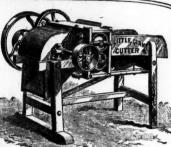


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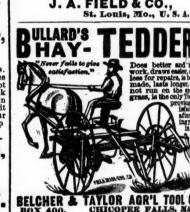
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May 26, 188

Korticultural,

THE FARMER'S GARDEN. I think upon maturer reflection, that he above title, which I had been think ing about as a suitable one at this time, is misnomer. The farmer indeed order the manure hauled, giving directions that it shall be well rotted; and if he is ordina rily careful of his current bushes, border ing trees, and a paragus bed, he may plow t himself, but the mainspring that give rection to these movements, is, after all the farmer's wife. She may not have very much to say about the disposition of crops on the 100 acres more or less of tilled fields, or of the number of cattle and sheep that are to be kept as the farm; but she has decided as to the number of varieties of vegetables which the garden must contain, and she wants a place for summer and winter squashes, and a patch of sweet corn. He is a provident farmer who has provided sufficient space to accommodate the variety which is foreordained to appear on his table, has enclosed it on all sides with a fence which is hen high, and chicken tight, and annually covers in with the best of manure. This plant has cost him too much to be trifled with, and he may the whole season through keep the weeds down and the turkeys out, but if he starts with a little three-cornered piece which cannot be economically en losed in an adjoining field, with no pro tection except a rail, or perhaps a board fence, which is no protection at all agains a garden's greatest enemies, a brooding her or an ambitious litter of young pigs, his trials at gardening and concilatory meas ures with his wife are at once harassing and ineffectual. The best laid plans for early peas and ripe tomatoes will be frus trated by some motherly hen anxious to appease the appetite of her brood, or the nefficiency of a weak rail or board agains the insinuating snout of a shote. Catas trophes to the farmer's garden are among the things that haunt a farmer's pillow and brood in his thoughts when the family are all absent. Cows have strong tendencies to become trespassers, especial when they come up for water and find the tank empty, with an abandoned air about the premises indicating that there's picnic in the vicinity. They look long ingly over the fence into a garden at the crisp cabbages and find the barriers set ip to protect them more imaginary than eal, and they walk or break over followed by the whole herd and proceed at once to fil themselves with green corn and abbage. The steers think it fine sport to look at the Boomerang grape vine that ost \$200, and the heifers cavort the whole ength of the onion rows. Having filled hemselves with the delic cies of the seaon, they set out on a tour of inspection through the side of the garden opening to the front yard, and proceed to exmine the pansy bed with their hoofs apset the geranium rots on the porch, walk into the carriage house and tip over he salt barrel, carry off the riding bridle n their horns, and break in the top of he cistern, all this array of damage comng through the allurements of a row of bbages in a farmer's garden, not propery fenced. Every neighborhood each year witnesses some modification of he above. All effor's at gardenng are illusory unless some adequate preparation is made to protect the plat from all depredators. A strong picket fence on every side, is the only sure protection against intrusion. Even such a picket ence as I have described is no protection gainst pigeon varieties of fowls, such as Brown and White Leghorns, and the Games. A board fence even will protect a garden from the searching proclivities of some of the Asiatic breeds. Every farmer should have at least 100 square feet of asparagus, and three or four good stands of rhubarb or pie-plant. The current bushes must also be within this enclosure. Never plant trees of any kind in a garden. for vegetables, and they soon occupy too much of the space, and are likely to be injured by the annual plowing. The garden is often too large and encloses more space than can be properly attended to. Don't be beguiled into trying to grow

built five feet high, enclosing the garden They do not need the protection required more than is needed for family use with the idea of selling the surplus. If you go into the market in the spring with a bushel of parsaips, you find you can hardly give them away to your village friends, the generosity engendered by a surplus of parsnips is so gushing. Whole neighborhoods emulate the virtue of charity, and its symbol is a pan of parsuips. Carrots are not a legal tender for good will, for cattle and horses will eat them, but parsnips are dead property unless you can find some happy individual who was too im provident to raise them and will oblige you by taking them. What is true of this esculent is true of other varieties of garden stuff, so that it is folly to attempt to grow more than the needs of the family require. Berries have no place in this garden. Strawberries soon become bound with grass, and need renewing, and raspberries and blackberries soon overrun their bounds and the patch becomes a mass of brambles, difficult to reclaim. The berries and cherries and pears should e in a little field by themselves, and may e far enough away from the poultry run o be secure from their depredations. Berries should be in long rows so that they can be largely cultivated by horse labor. The strawberry plats can be alternated by a crop of potatoes when they need renewal, and kept rich with manure. An old strawberry plat well covered with manure makes an excellent reparation for a crop of potatoes, and is then in good condition the next year o set strawberries on again. Red raspberries are be kept in subjection by using one horse plow, once in the spring, and

ultivated during the summer. A farmer's

trawberry bed will do first-rate if well

hoed the first season from setting, and

then let them go until they run out, which

will be in two or three years. The year

before they must be plowed up, set an

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quarts of strawberries will make your Forticultural, village or city friends happy, and go further towards establishing a reputation for THE FARMER'S GARDEN. is something in berries sweeter than the hospitality, and a kindly regard that goes I think upon maturer reflection, that with them, that is above taste or the dethe above title, which I had been thinklightful contemplation of color and form. ing about as a suitable one at this time, is Farmers, raise berries in ample measure s misnomer. The farmer indeed orders for the family! If you have a surplus,

the manure hauled, giving directions that their proceeds will keep the sugar box

full, and the doctor at a distance. A. C. G.

FLORICULTURAL.

VICK says: "After the winter-blooming narcissus has finished blooming, reduce the amount of water daily supplied to the plants, but keep them fully to the light. In these conditions the hulbs will ripen. When the leaves show signs of turning ties of vegetables which the garden must yellow, give but the smallest quantity of water until the bulbs are quite dried off. mer and winter squashes, and a patch of The bulbs can remain in the pots until west corn. He is a provident farmer who August, and then be planted out in the open border. Bulbs should not be used the second time for pot culture."

ANOTHER great mistake, says E. E. Rexchicken tight, and annually covers it ford in Our Country Home, is made in with the best of manure. This plant has sowing half-a-dozen kinds of flower seeds and him too much to be trifled with, and in the same bed. If each kind is kept by he may the whole season through keep itself the effect is much better. In this the weeds down and the turkeys out, but way each plant, or kind of plant, rather, preserves its own individuality. In ribbon beds, or designs where a contrast of color is desired, several kinds can be used together, but the stripes or patterns must be worked out by massing each kind by itself, which amounts to the same thing as using the kinds separately.

A CORRESPONDENT of the Rural World says: One summer I was so much annoy el by fowls wallowing in my flower beds appease the appetite of her brood, or the that I determined to "rise above" them inefficiency of a weak rail or board against in some way. So I went to the wood pile and selecting a suitable stick of cord wood, requested my husband to sharpen and drive it into the ground at a place in the and brood in his thoughts when the yard indicated by me-which he very pleasantly-didn't do: but "where there's a will there's a way," so with a hoe I dug ly when they come up for water and find a place to plant the post, fill ng the earth the tank empty, with an abandoned air in around it very solidly. On top of the about the premises indicating that there's post I nailed a box shaped like a market basket, across the top I nailed a part of a barrel hoop like a handle, then I pasted a piece of diagonally checked, buff and brown calico around the box, which, at s little distance, made it look very much like a market basket. I filled it with good garden soil mixed with sand, and planted therein around the edges, small vines, such as myrtle, cypress vines, etc., training some around the handle of course. Then in the center I planted quite close together, choice plants of portulaca of various colors, which made a dazling display of blossoms. Two cypress vines with their red and white stars were made to twine around the post. A circular mound at the base was planted with pansies, which had to be protected from chickens by light brush until the ground was completely hidden by the plants which boomed profusely; then we had a 'thing of beauty" which was a joy the live-long summer-even after hard frosts -for I covered my basket with a shawl when the nights began to grow cold in the fall.

The Plum Orchard.

To make the plum orchard a success built five feet high, enclosing the garden requires constant watchfulness on the part of the orchardist; not only must the soil be kept in good condition, but measures must be taken to protect the fruit from destruction by the curculio. frown and White Leghorns, and the This insect is a very difficult one to destroy or control; various devices have garden from the searching proclivities of been resorted to to protect the young fruit, but they are, most of them, so laborious, and require so much watchfulness, that only the most persistent grow

ers are successful in saving their fruit. Throwing lime or ashes on the fruit every few days, while it is growing, is believed by some to be a remedy, while by or vegetables, and they soon occupy too others it is condemned as of but little value. Spreading a cloth under the trees every morning and jarring them, by a profitable to crowd a crop too closely, in blow with a mallet on the end of a limb cut off for the purpose, is said to cause the curculios to drop, and thus they can be easily gathered up and destroyed; but this requires labor the most persistent, into the market in the spring with a bush the neglect for a single morning at the right season, would result in the loss of much fruit. the generosity engendered by a surplus of

. If one has an orchard so situated that a yard can be built around it to enclose hens, this is undoubtedly the cheapest if not the most effectual way to destroy the curculio. Experience proves that to be more certain of destroying this msect the trees should stand a little distance from the fence, for if the trees are near it, the curculio fly over from the outside directly on to the trees and are thus out of the reach of the hens, unless the trees are

jarred to drop them to the ground. Having conquered the curculio the plum grower finds still another serious difficulty to overcome, which can only be done by constant watchfulness, namely, the black knot. This disease, unless taken when it at first appears, spreads so rapidly that in a single season the trees will be covered all over. The remedy is the free use of the knife. When a black bunch appears on the side of a large limb be secure from their depredations. it may be removed with a sharp knife; Berries should be in long rows so that care should be taken to cut back to the they can be largely cultivated by horse perfectly healthy wood. When the does some kinds of vegetables. For winter bunches appear on the small limbs the use gather chervil, tarragon, majoram, best way is to cut the limbs off below the disease. It is best to remove the branches An old strawberry plat well covered with manure makes an excellent that must be thoroughly done or it will not them, when dry, in boxes or paper bags. reparation for a crop of potatoes, and amount to much. If a single black knot be left it will scatter its spores over the trees to such extent that another year the tree erries are be kept in subjection by using | will be covered with black knots. Care

knots cut off. strawberry bed will do first-rate if well The plum is a fruit that readily sells for hoed the first season from setting, and a high price, and the trees when prothen let them go until they run out, which perly protected and cared for will produce large crops of fruit. A plum orchard well cared for by those who understand its wants, is quite as profitable for berries is once established. A few man.

Raspberries and Lima Beans. One who has gathered wild raspberries along the edge of a woodland or fencegenerosity than a bushel of onions. There row may have noticed that the fruit was almost invariably finer than on bushes taste and brighter than the color; there is standing out in sunny exposures. Cultivated plantations in an orchard will always succeed better than when grown in the open field. The plants may possibly not be so strong, but the crop will be larger and better flavored. Besides shade, raspberries prefer a rather stiff soil, but will grow on almost any kind of land provided it is made deep and rich. In planting, care must be taken not to set too deep, as many failures may be attributed to this cause alone. No danger that the young and bearing canes will not be sufficiently deep. Pinching back the tips, and pruning-in the lateral shoots, has been recommended in the Tribune, and is gaining advocates. Canes thus treated need no support, which is decidedly a great saving of labor and expense in field culture. Suckers must be treated as weeds, and are easily subdued if taken in time: an ordinary horse cultivator will

> When hotbeds to start Lima beans are out of the question, the next best suggestion is to cover the seeds in the open ground with a shovelful of very light sandy compost, or a mixture of leafmould. Old rotted sods and manure form an excellent covering, and in fact any very porous earth that will allow the germ to push through easily. This is where most of the trouble arises and is what causes so much complaint about "poor seed." The next most important point is support, and, after all there has been nothing more effective and cheaper than the usual bean-pole. As a help in the right direction, a little pea-brush stuck in the hills around the poles answers a good purpose, for after once obtaining a firm hold little difficulty is experienced afterward. Lima beans, to grow and produce well, require a warm sunny exposure, and a very rich soil, so that a few forkfuls of short old rotted manure turned under each hill gives the plants an impetus that broadcast pulverizing rarely supplies .- N. Y. Tribune.

eradicate all between the rows.

Does Market Gardening Pay? The profits of market gardening are discussed in considerable detail by the Newark Advertiser, in view of the increasing competition met with from Southern producers. It appears that one New Jersey garden producer last year made a careful computation of his expenses and income from two acres of ordinarily good 277 60, leaving \$854 90 to pay for labor

land, with the following result. Expended. \$322 70, exclusive of labor; received, \$1,for six months. The writer in the Advertiser sees little cause for uneasiness in the Southern competition, for the following sensible reasons: "Their crops are, as a rule, about ended when ours commence; and though the keen appetites of consumers have been appeased, they are willing to pay a price for the fresh and every way superior products of home growth that will enable us to continue to grow them profitably even for those mar. kets (New York and Philadelphia). And without those markets we have hundreds of cities and towns, whose inhabitants number from 6,000 to 10,000, where mar-

ket gardening will pay, and it is these

Thick and Thin Planting. A few years ago an ingenious farmer planted some sweet corn eight feet apart each way, and in the centers between th rows, he planted melons. The corn made an extraordinary growth of ear, so fine and full of grain that the ears were eagerly bought by a seedsman at a large price. In the regular market they would have sold to the hotels for two dollars and fifty cents per hundred, which would have been a paying price; but the whole crop was sold for seed for twelve dollars and fifty cents per hundred. The melons made a full crop under liberal use of manure and artificial fertilizers and good cultivation. The two together paid better than any other part of the farm. We have found that it is not always the most the hope of getting the most from the soil. - American Agriculturist.

Sweet Herbs. It is strange that people generally are ignorant of the use and value of some o the best and most delicate herbs and sslads. Sage, savory, thyme and marjoram are common enough. Tarragon and chervil are employed in the making of sauces, soups, salads and ragouts. Chervil is somewhat like parsley, but more delicate in texture and more agreeable in flavor. It is used only as a flavor and in small quantities. Tarragon is a bushy plant, like thyme, but its leaves are about four times as large. It has a flavor unlike any. thing else, and gives to lettuce salads that peculiar and pleasing savor which one gets in France. In New York the French cooks use large amounts of it; outside that city, however, it is but little known except by French people. If the roots be protected, the plant will last for years Chives are a species of onions. Only the delicate green tops are used. They should be cut frequently, but not very close to the ground. Chives are delicious in all kinds of vegetable salads particularly in potato salad; and they are also nice in soups, stews, and fish and savory omelets. Cooking does not mar the beautiful green as it savory, sage, thyme and parsley before they go to seed; tie them in bunches, and -Minnea olis Tribune.

In squash or melon culture, it is not well to let the vines run together in such numbers a one horse plow, once in the spring, and should also be taken to burn all of the that they become a matted mass. The stem as they grow should be guided and arrange so as to give each one plenty of room for itself and its branches, removing them where they grow too closely. Pinching the ends of th ain shoots will cause them to throw out more branches and induce greater fruitfulness Vines having all the leaves exposed to the light which is a necessity when the appetite as any other fruit or chard.—Mass. Ploughure for their roots .- Vick's Magazine.

Horticultural Notes.

PROF. COOK says traps of sweetened water. sour milk, etc., have been tried at the College to eatch the codling moth, but though many jusects, including numerous moths, are caught, he has failed to find a single codling moth among them.

A STRAWBERRY plantation near Barnesville, Ohio, receives 70 loads of well rotted fmanure to the acre, and produces magnificent fruit. A total crop raised within two miles of Barnesville, was worth \$75,000.

PROPESSOR RILEY's cold water remedy for the cabbage worm is very easily tried by placing a few small blocks of ice in a water ing pot of water, and showering the plants As a general aid against destructive insects. encouraging a vigorous growth in rich sol with good cultivation should not be overlook-

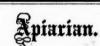
An excellent thing to keep bugs off young melon, squash and cucumber plants, is to sprinkle them with plaster while the dew i on, taking care to coat the under side of the leaves as well as the upper. 1t may be necessary to apply the plaster several times. Keep plants as soon as they appear.

MR. EDMINSTON, of the Lenawee County Horticultural Society, does not take much stock in the "dewberry," now being boomed by certain parties, and which is simply a "low bush blackberry." His advice to his fellow horticulturists was when anybody offered them the dewberry to pass them as quick as possible. It has but one merit. One plant will stock an eighty-acre farm in a remarkably short time. He would rather have Canada thistles by odds.

MR. GRAHAM remarked at the May meeting all of their stores being sugar. of the Grand River Valley Horticultural Society, that the trunks of his trees have been killed by the frost during the past winter, and of diarrhea. Candidly, I do not know, yet the tops are budding and leaving out. It unless it was of cold. As Prof. A. J. is said that Judge Ramsdell, of Traverse City, Cook recently remarked: 'What is pack took the first premium at the State Fair held in 1873, upon Cooledge's Favorite, which grew upon trees that were actually killed during the winter previous.

Young apple orchards, says J. D. Husted, should be annually cultivated until ten years old. Barnyard manure and leached ashes are among the best and cheapest fertilizers, and iberally applied, they pay well. When well in bearing the orchard can be seeded to grass provided it is kept fed short to sheep and pigs. If the hogs are rung when weighing 60 pounds or more they will not bark the trees. Pigs and sheep, kept in the orchards during all summer, year after year, will destroy the coding worm, keep the grass short, and enrich the land with their droppings.

PROF. COOK, of the Agricultural College, regards Paris green and London purple as the safest poisons to use in spraying fruit trees to destroy the codling moth. Arsenic is white, and so like articles in common use that ter rible accidents are liable to occur from mis takes in its use, while the peculiar color of the if there is any danger of poisoning the soil, and through it our vegetation, by use of mineral poisons, it should not be used. The other two arsenites, being insoluble, are not liable to the same objection.



cities and towns that should be catered CENTRAL MICHIGAN BEE-KEEP ERS.

> The spring meeting of this Association usual lateness of the season and the fact that everybody was in haste to begin spring work. The members present reported 198 colonies wintered, of which 126 were alive in the spring. A quantity of apiari an supplies and implements were on exhi bition. The first topic discussed was 'How Can We Prevent Robbery." Mr. Brown said if a hive was weak and with out a queen, he preferred it should be robbed, as the bees would go with the robbers and strengthen the swarm. Robbing is most common in autumn. A bee tent used at that season of the year will and all other Small Fruit Plants. The old and entirely do away with it, and also pre-vents stinging. The tent should be six all on application. Address feet in length, six feet high and four feet wide, with wire gauze on the sides and cloth above and at the ends. In reference to the use of a drone catcher Mr. Brown said he puts in comb that has no drone cells and thus prevents the raising of drones. He had adopted the plan of wintering his bees by burying them in the ground. He had not lost a swarm, despite the severity of the past winter. The question of wintering was discussed with animation. Prof. Cook reported success in cellar wintering; he allowed each swarm about 20 lbs. of honey. Mice had caused considerable damage the past winter. Mr. John Lee put 33 colonies into winter quarters in the cellar and found 29 alive. Mr. Ashworth had put up 14 colonies in large dry-goods boxes, two or three hives in a box, making a bridge to give them access to the entrance and filling the space in the boxes with sawdust. All came out in good condition.

The election of officers resulted in naming the following: President, J. Ashworth, Lansing: Vice Presidents, John Lee, Eaton County; Stephen Perry, Ionia County, A. B. Gregory, Clinton County, A. Curtis, Shiawassee County, Secretary, E. N. Wood, Lansing: Treasurer, Norman Goodnoe, Lansing. The next meeting will be held at Lansing on the second Thursday in November.

How the Bees were Wintered. W. Z. Hutchinson, a prominent apiarist, relates in the Country Gentleman his manner of preparing bees for winter and the outcome:

"As usual, I prepared my bees for winter in several ways. Some were left undisturbed with their natural stores; others were fed sugar syrup, their honey being removed; still others, having but a few pounds of honey in the corners of the frames, were not deprived of this, but fed sugar until they had sufficient stores for winter. My idea was that the sugar would be stored in the centre of the hive and would be consumed during the winter, while the honey, being in the corners of

the combs, would not be eaten until spring, when there would be no danger of the floating grains of pollen, if there were any, producing diarrhea. During such a severe winter as the past, this plan does not hold good. During extreme cold, the bees resort to muscular activity to keep the temperature at the proper degree; this exertion causes a waste of tissue, and to repair this waste the bees seek for nitrogenous food. Some of the quart of 12 berries weighed 18 ounces. The colonies were in chaff hives with the additional protection of manure banked up around them. Others were placed in rows, stakes were driven a foot distant from each side of each board placed against the stakes, and the space between the hives and boards filled with sawdust and forest leaves. The hives were covered over the top to the death of one foot with leaves, and a roof of boards put on over the whole. A passage was left at the front for the bees to fly, being kept filled with straw unless the weather was mild. which was seldom. Eleven colonies were buried in a 'clamp.' The rest of the colonies were placed in the cellar. Of the twenty-five colonies in the chaff-hives, a close watch or the bugs will destroy the only five are alive; of the twenty-four packed in leaves and sawdust, not one lived to even enjoy a purifying flight; ten of the eleven colonies in the clamp came out in fine shape; twenty-five colonies out of the thirty-four colonies placed in the cellar are now working merrily upon their summer stands. The majority of those in the chaff-hives perished from dysentery, nearly all of the twenty-five having more or less of honey for winter stores. But few of those packed in the leaves and sawdust showed any signs of

> "It may be asked of what they perished, if they showed but little if any traces ing in such winters as the past?' The colony that died in the clamp perished from starvation, the bees getting over to one side of the hive and leaving honey at the other side. It will be remembered that one year ago last fall the writer buried more than sixty colonies in one clamp, covering them with earth to the depth of two feet, and nearly all of them perished; not of dysentery, however, the supposition being that the loss was caused by putting so many in so small a space. For four years I have wintered bees in clamps, and, with the one exception, have been successful. My principal objection to this method is the large amount of labor involved. I would not put more than twelve or fifteen colonies in a clamp, setting them in one row, and covering them with earth to the depth of not more than eighteen inches.

dysentery, and that only slightly, nearly

"In all these experiments, as well as in those made in previous years, one fact stands out very distinctly, and that is other specifics is a safeguard. Moreover, he that bees with only pure cane sugar says white arsenic is readily soluble; and so stores do not perish from diarrhea; but stores do not perish from diarrhea; but now that we have learned how to prevent this trouble, we find that bees can die of something, when exposed to a freezing emperature, even if they do have sugar stores, and at present the only course left open to us seems to be to remove the honey in the fall, even if robber bees are troublesome, feed the bees sugar syrup. and then put the bees in a cellar, where the temperature can be kept as high as 45

Hale's Honey the great Cough cure, 25c., 50c. & \$1 Glenn's Sulphur Soap heals & beautifies, 25c. GermanCornRemover kills Corns & Bunions was held at Lansing on the 12th inst, with Hill's Hair and Whisker Dye-Black and Brown, 50c. quite light attendance, owing to the un- Pike's Toothache Drops cure in 1 Minute, 25c

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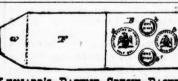
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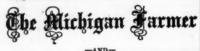
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STATE JOURNAL OF AGRICULTURE DETROIT, TUESDAY, MAY 26, 1885.

#### WHEAT.

The receipts of wheat in this market the past week amounted to 30,264 bu., against 43,363 bu., the previous week and 44,062 bu. for corresponding week in 1884. Shipments for the week were 30,482 bu. The stocks of wheat now held in this city amount to 776,949 bu., against 789,355 last week and 155,358 bu. at the corresponding date in 1884. The visible supply of this grain on May 16 was 37,042,169 bu. against 37,890,187 the previous week, and 19.997.790 bu, at corresponding date in 1884. This shows a decrease from the amount in sight the previous week of 748.018 bu. The export clearances for Europe for the week ending May 16 were 537,152 bu., against 545,452 the previous week, and for the last eight weeks they were 5,237,665 bu. against 7,-780,049 for the corresponding eight weeks

in 1884. The market has ruled dull and without any interesting features all week. Sales were very light, footing up only 44 cars of spot and 551,000 bu. of futures—about a market has been toward lower prices, influenced by the belief that the Anglo-Russian difficulty will be settled, the fine weather and the large visible supply. A number of shrewd dealers, however, yet have confidence in the future of wheat, basing their opinions upon the fact that the growing crop cannot but prove a very short one some think less than in 1881) that business n some lines of trade is picking up, and that even without a foreign war the immense preparations made and being made by both Great Britain and Russia, including the heavy reinforcements recruited for the two armies, must cause a better demand for breadstuffs. Upon these opinions they advise their customers to closing prices. No. 2 red sold there at | er, influenced by heavier receipts and re 96@97c, and No. 3 do. at 86@87c per bu. ports of still larger ones the coming week. Toledo was quiet and firm at 934c per bu. Foreign markets are generally lower. for spot No. 2 red, and same for June and The Liverpool market yesterday was July deliveries.

The following table exhibits the daily closing prices of wheat from May 11

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of the past week for the various deals:

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various deals each day of the past week

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riday		1 08%	
aturday	1 0134	1 03	1 08
londay		1 0354	

The condition of the growing crop is the principal topic of interest. Estimated all agree that winter wheat will be very light crop in nearly every State that oduces any considerable amount, while there is not one that promises an average production. Michigan has by far the best omise, and should give a yield of about 25,000,000 bu. Many profess to believe that with a crop fully 120,000,000 bu. less than last season, the immense crop of last year will leave a sufficient surplus to give this country as much as usual. It is to be renembered, however, that even 120,000,000 bu. of a deficiency may prove much less than the actual facts, as the conditions appear to be growing worse in many of e States as the season advances.

The reports from Europe are varied in tone, but none of them promise more than an average from any part of the continent, and in some places the conditions are not favorable for even a low average.

The English crops are being complained

first week in May is a late one; whether the harvest shall be early or late is still a question to be determined. Very forcing weather will be necessary to bring the 1885 harvest to maturity in its usual sea-

From Southern Russia, Spain and Ausoutlook in France is said to favor an average about a month later than usual. those to hand, and from what we know in regard to the crop in this country, it hardly seems possible there will be a surplus. be needed the coming crop year.

No. 44 Larned Street, West, (Post and The imports of flour and wheat into the of home grown wheat during the same period have been equal to 43,124,412 bu. weeks 143,116,678 bushels against 144,000,-000 bushels estimated consumption during the same period, which is on the basis of 4,000,000 bushels per week for 36 weeks. The home wheat crop of 1884 was placed at about 72,000,000 bushels for consumption for food, which is placed annually at 208,000,000 to 216,000,000 bushels. The output shall be. There was on passage for day says of the market: the United Kingdom May 2, 25,840,000 bushels wheat and flour. There are already provided 199,832,266 bushels, leaving to be purchased in foreign countries and shipped in time for arrival and use in

> reported by cable as ruling at Liverpool on Monday, as compared with those of one

week previous: May 25. Per cental.

Tlour, extra State..... 10s. 0 d.

Wheat, No. 1 white... 7s. 10 d.

do Spring No 2 new 7s. 5 d.

do Winter Western 7s. 6 d.

CORN AND OATS

The receipts of corn in this market the past week were 41,998 bu., against 23,063 bu, the previous week, and 7,138 bu, for corresponding week in 1884. Shipments were 15,052 bu. The visible supply in the country on May 16 amounted to 5,102,-639 bu. against 6,605,759 bu. the previous week, and 9,967,919 bu at the same date last year. The visible supply shows a decrease during the week of 1,503,120 bu. The exports for Europe the past week were 765,799 bu., against 1,218,498 bu. the previous week, and for the fair day's average. The tendency of the past eight weeks 11,287,657 bu., against 4,-859,529 bu. for the corresponding period in 1884. The stocks now held in this city amount to 17,706 bu., against 6,370 bu. last week and 11,349 bu. at the corres ponding date in 1884. Corn has ruled dul all week, with values gradually declining. No. 2 corn is now quoted at 50@501c for spot, and high mixed at 501c per bu. In futures May delivery is quoted at 50@501c for No. 2491c; for June, and 49c for July. The Chicago market is active but weak and prices on both spot and futures are lower than a week ago. This result has been brought about by the decline in wheat and the fine weather of the past week, which was favorable to those who had not finished planting. The bulk of buy upon breaks in prices, feeling certain the crop is now in the ground, and in the that the loss will be recovered, and that section south of the Michigan Central present values are as low as are likely to Railroad is now up and being cultivated. ule for some time. Yesterday this market There is rain needed in that part of the was weak at the opening, prices declining State lying west of Jackson, the heavy delc. Later an improved feeling was rains of the past week in the eastern apparent, based on late crop reports and counties not extending further except in a better export demand. Before the close the shape of a light shower at several values had advanced 1@1c from Saturday's local points. Quotations for spot No. 2 closing figures, with a firmer feeling in corn in Chicago are 461@465c, May delivthe trade. Sales for the day were 19 cars eries at 49½c, June at 46½c, and of spot and 91,000 bu. of futures, The July at 46tc. The Toledo market is Chicago market ruled about the same as quoted steady at 50c per bu. for spot No. our own, last sales being at best figures | 2, and same figures for May and June deof the day, and better than Saturday's liveries. New York is also dull and low-

> past week were 47,732 bu. agains 17,601 pu. the previous week, and 2,60 bu, for the corresponding week grain on May 16 was 2,534,163 bu., against 3,161,968 bu. at the corresponding date in 1884. Stocks in this city on Monday amounted to 40,886 bu., against 35, 498 bu. the previous week, and 13,178 bu. at the corresponding date in 1884. The exports for Europe the past week were 1,800 bu., and for the last eight weeks were 1,012,486 bu., against 165,126 bu. for the corresponding weeks in 1884. The visible supply shows an increase of 448,-113 bu. during the week. Oats are quiet but steady, with prices in this market at about the range of a week ago. No. 2 white are quoted at 401c, light mixed at 39tc, and No. 2 mixed at 37c. In futures No. 2 mixed are quoted at 37tc for May deliveries and 37tc for June. At Chicago large receipts have caused values to weaken, and quotations on spot No. 2 are 381c per bu. In futures quotations for No. 2 are 32%c for June, and 324@32%c for July. The area sown to oats this season at the west is a large one, and so far the prospects are quite favorable fer a fair vield a little later than usual. The New York market is lower and more active at the decline. Some grades are weaker than others, and values are rather unsettled. Quotations there are as follows: No. 8

quoted dull at 4s. 10d. per cental for

The receipts of oats in this market the

new mixed, with no old offering.

THE Commissioner of Agriculture has issued a circular inviting the State Agricultural Colleges of the country to send delegates to a convention to be held at Washington on June 24th, to consider the best methods of promoting agricultural education. One of the topics to be discussed will be the feasibility of making the farms attached to colleges experimental farms of the Department, in connec of as late. The position on the whole the tion with its seed department.

#### DAIRY PRODUCTS

Warm weather, larger receipts and very little outside demand nearly knocked our local market out of time the past week With trade confined to the home trade the demand for even choice stock was tro-Hungary come reports of drouth. The limited, and prices declined considerably below those of a week ago. It was diffi cult to get more than 20c per lb. for even European advices in regard to the crop are the best creamery except on contracts. as yet very meagre; but, judging from For ordinary butter 15c was an outside figure, and considerable was sold at 13@ 14c. Low grade butter is without a market here at present, and if you make that In fact it looks as if every bushel would kind (we don't believe any of the readers of the FARMER do, however), sell it for any price you can get in your home mar-United Kingdom from August 25, 1884, to ket, as it will only help demoralize this May 3, 1885, have been equal to 94,992,266 market still further and is not likely to bushels of wheat. The farmers' deliveries bring as much money as you can get at home. Grass butter is beginning to come forward, and all old stock is dull of sale. of wheat, making the total supply in 36 At Chicago the market is still working downwards, and is now within 2c of the lowest figures reached last year, which was in July. Quotations in that market are as follows: Creamery, fancy, 19@20c do., common to choice, 14@18c; dairy choice. 15@16c; do., fancy, 17@18c; fair te good dairy, 12@14c; common grades, 10@ 11c; inferior, 5@7c. The New York mar remainder of home crop may be 29,866,708 ket is again lower, and far from steady at to 34,856,708 bushels, according as the the decline. The Daily Bulletin of Satur-

"Some of the fancy State creamery pails continue to sell at 22c, but 21c is rarely exceeded, and 20c remains as the average top for anything in lines, and there are quantities of Western creamery available at 16@18c. Creamery goods a this crop season 9,916,734 bushels to 17,919,734 bushels of wheat and wheat flour to
give a full yearly supply.

The following table shows the prices
The following table shows the prices
About 19c is all that is quoted to day, and
About 19c is all that is quoted to day, and the cost have had the preference 18c nearer the general top selling rate and a great deal of good butter has sold 16@17c. Welsh might possibly bring 18c if very fine, but the figure is a high one Western goods have not been in favor and no one seems to feel inclined to name a positive quotation, so that figures give e nominal only."

Quotations on new stock in that mar ket are as follows:

Oreamery, fancy,		15:03
Creamery, choice		Ø20
Creamery, prime	18	@19
Creamery, fair to good	16	@17
Creamery, ordinary	15	@1516
State half firkin tubs and pails, fancy	19	@
State half-firkin tubs and pails, choice.		@18
State half-firkin tubs, etc., fair to good	15	@16
State, half-firkin tubs, etc., ordinary	13	@14
State, Welsh, choice	17	@18
State, Welsh, good to prime	15	@16
State, Welsh, ordinary	14	@1436
Western stock is quoted as fo	llo	ws:
Western imitation creamery, choice	15	@16
Western do, good to prime	13	@14
Western do, ordinary to fair	12	2218
Western dairy, fine	18	@14
Western dairy, good	11	@12
Western dairy, ordinary	8	<b>@</b> 10
Western factory, choice	11	@12
Western factory, fair to good	9	@10
Western factory, ordinary	6	@ 8

The exports of butter from American ports for the week ending May 16 were 197,159 lbs., against 200,942 lbs. the previous week, and 111,506 lbs. two weeks previous. The exports for the correspond-

ing week in 1884 were 201,610 lbs. If the tutter market has dropped off cheese has not escaped. Our local market has stood up better than most others, but the weakness at other points must of necessity be reflected here. Full creams are quoted at 10@11c per lb., and skims at 5@6c. The market is easy at these figures, and a further decline is looked for At Chicago the market is inactive, trade being confined largely to the home demand. Some choice fall made full creams are held by some dealers, and for such goods 12c is asked. Quotations on new stock there are as follows. Young Amerifull cream, 81@9c; full cream o 71@81c; flat, 8@9c; skimmed, choice, 4@ 5c; skimmed, common to good, 2@3c; damaged and centrifugal, +@1c. The New York market steadied upon Friday, and is seemingly stronger owing to free demand, but at a lower range of quota tions. Foreign markets are also lower. and supplies both from this country and Canada are increasing. It is therefore doubtful if prices do not decline still further within the next week or two. Quota-

yesterday		
	8140	81
	8 0	81
	71600	73
	61400	73
	4 0	5
	71400	
**********		
ne	13/0	0
mon to good	1 0	14
	nemon to good	8 @ 714@ 640@ 540@

in 1884. The shipments were 6,996 52s. per cwt., a decline of 2s. per cwt. bu. The visible supply of this from the figures reported one week ago

and 7s. within four weeks. The receipts of cheese in the New York market the past week were 25.191 boxes against 20,876 boxes the previous week and 34,534 boxes the corresponding week in 1884. The exports from all American ports for the week ending May 16 foot up 1,027,332 lbs., against 1,212,147 lbs. the previous week, and 2,516,911 lbs.two weeks ago. The exports for the corresponding week last year were 855,453 lbs.

#### WOOL

The eastern markets show no signs of any improvement. In fact values are quoted slightly lower than a week ago, on nearly all kinds of wool. While these narkets show neither activity nor strength there is a good deal of buying going on in Texas at about Boston quotations and largely by Boston men. It is rather singular to see business men going to Texas to buy wool, paying their own expenses and freight on their purchases, and then paying as much for it as they would have had to pay in Boston, taking the quotations furnished by Boston papers as correct. It really looks as if there was "a nigger in the fence" somewhere, and we suspect the African is lurking around the affected the same way, and the Economist appears to be worried over it. The editor

"In San Francisco the buyers are taking most of the wool so far sold, and one of them buys on orders mostly, and for mills which have more cash than anything else, as they are paying more in Texas and California than the Eastern market

"It is idle to whistle and say any mar ket for wool exists now on the Atlantic seaboard; it has not been duller for onths in all the markets than it now is

whether to buy in for curiosity we know not. We think they have bought some of the large lots. We hear of a Boston house paying high prices in Texas for choice Eastern spring. At any rate, there is now considerable spring Texas and California. One house here has a thousand bales of spring California for sale. We think 5,000 bags of Texas are now here or represented here by sample lots. represented here by sample lots, so buy-ers can get all they need at present of either quality of wool. There are some large lots of old fleece here yet, also some lots of fall Texas. We know that many buyers got so badly bitten with wool purchases last season that they should think twice before embarking again in such uncertaintie."

THE MICHIGAN FARMER.

The same papers quote Michigan X woo at 28@29c. Ohio X at 30c. New York X at 28c, fine delaine at 35@36c, and No. 1 fleece at 31c per lb. These figures we be. lieve are 1@2c lower than actual values, the sales upon which they are based being the tail end of stocks that have been picked over for the past eight or ten months. It looks as if there was a combined effort in

progress to depress prices in the country by quoting low prices at the principal eastern markets.

At Boston the sales for the past week comprised 1,982,700 lbs. of domestic fiéece and pulled wool, and 96,900 lbs. of foreign, a total of 2,079,600 lbs., against 1,869,500 and 2,203,400 lbs. for the two previous weeks' transactions. The total receipts out of Foreleck 2d (10261), to John Aboto, Lapeer. Price, \$310.

Heifer Flower Queen 12923, by Bredwardine (5233), out of Lemon by Sir George (3439), to John Aboto, Lapeer. Price, \$365.

Heifer Formosa 3d 10173, by The Moor (491), out of Formosa by Sir George (2765), to J. M. Turner. Price, \$75.

Cow Grace Darling 7704, by Unity (5093), out of Viola by Prince Edward (3349), to John Aboto, Lapeer. Price \$180. of wool at that market, for the week ending May 21st comprised 4,285 bales domestic and 1,843 bales foreign, against 3,570 bales domestic and 407 foreign for the same time last year. The total receipts since Jan. 1, 1885, comprise 107,074 bales domestic and 19,251 bales foreign, against 81.626 bales domestic and 31.697 bales foreign for the corresponding period of 1884. The large receipts of foreign, 1,843 bales, are accounted for by the fact that the Anglo-Russian imbroglio scared carpet manufacturers into securing large stocks, and the receipts of the past week were largely made up of that description of wool. Of the 1,843 bales over 1,200 were Cordovan and Mediterranean carpet wools.

Quotations on domestic wools in Boston markets are about the same as those ruling in New York. The Boston Advertiser of Friday says of that market:

"This is really 'between seasons,' when old wools are being cleared out and new wools are about to come forward. Manifacturers buy in such a market only what they need to keep them up to clip time, and dealers and commission men have agents and representatives in the interior either purchasing wool or obtaining consignments. Prices are fairly steady for all choice descriptions, but as selections are broken prices vary considerably more than usual. It takes an extra lot of X Ohio to command 32c, but we report such a sale. The sales of Michigan have been larger than last week, and stocks are now quite low. Prices are steady for good wool under this condition. Very little Territory is now in the market, but there have been several sales of Texas, being mostly new. The prices of some of the transactions are withheld, but as the sales below show, some lots have brought from 20@22c, the latter being exceptionally high. On good authority, we hear of a small sale at 24c, which is included in unclassified, but this is for a very fine lot of medium. A correct quotation for fair to good lots is 19@52c."

And these "broken lot" prices should have no influence in determining the value of the new clip, nor do we think they will prove a criterion in fixing the prices to be paid for it. It is a notable fact that there are only 1,000 bales of Australian wool in the New York and Destern markets teacher and Trans. Boston markets together, and we can hardly see how new importations can be made until prices here are high enough to afford a margin.

Some few sales of wool are noted by our country exchanges, and we give them as "pointer" to those who are getting their clips ready to market. At Ionia the Sentinel says that Babcock, Smith & Co. bought the first wool of the season on the 8th, paying 16c for unwashed and 23c for washed. At Lexington a clip of unwashed wool sold for 16c. A small clip of fine washed wool marketed at Owosso last week brought 25c. These are low prices, and we hope to see them move up with the mercury during the next month.

THERE is actually a little life left in the hop business yet, but it will require careful nursing to keep it alive. By next season those who grow hops will probably begin to realize a fair price for their will be all shaken out of the business. In the New York market there is a firmer eeling, and choice hops are quoted at 18 @17c, prime at 14@15c, and fair to good ported at 10@16c, and at Fort Plain at ported by the Times as firm, with buyers prime, and 9@11c for low grades. Advices from the hop districts report the (J. P. Dean 112), 261/4 lbs. vines as growing nicely, and tying is pro gressing in many yards. The plants have come through the winter all right.

COMMISSIONER COLMAN, being anxious to obtain all the facts possible pertaining to the dairy industry of the country, and particularly regarding the manufacture of articles designed as substitutes for pure butter, such as oleomargarine, butterine. sueine, and other compounds, has prepared a circular to manufacturers of his wish to place before Congress and the country a complete statement of the well as of their imitations, and he suggests the propriety of making monthly records of the work of each manufacturer in order that returns may be obtained more readily for such time as may be deemed best to aggregate the result October being the month when cheesemaking declines, it may be decided to have all the returns of butter and cheese productions terminate then, allowing six months for the dairy season.

S. E. PRATHER, Secretary, announce that the fourth annual meeting of the American Southdown Association will be held in the Leland Hotel, Springfield, Ill., if anything is sold it is to dealers who on the 3d of June, 1885, at 7:30 P. M.

STOCK FOR MICHIGAN.

At the recent series of cattle sales Dexter Park, Chicago, quite a number of animals were purchased by Michigan breeders. The sales included Herefords, Shorthorns and Polled-Angus. The purchases for this State, with one exception, were all of the two first named breeds Of the Herefords the animals purchased were all from the herd of Messrs. Burleigh & Bodwell, of Vassalboro, Maine. They included the following:

Bull calf Martin, by Wild Eyes (8162), he by Lord Wilton (4740), dam Miss Agincourt 7th by Old Court 6086, to R. G. Hart, Lapeer by Old Court 6080, to R. G. Hart, Lapeer. Price, \$230.

Cow Daisy 3d 13903, by Duke of Cornwall (4530), out of Daisy 2d by Gamester (3118), to Agricultural College. Price, \$250.

Cow Dark Formosa 2d 11637, by Old Court (6086), out of Formosa 6th by The Moor (4191), to J. M. Turner, Lansing. Price, \$230.

Cow Dora 7773, by Champton (7733), out of

\$230.

Cow Dora 7773, by Champion (7733), out of Dove by Grand Turk (3353), to J. M. Turner, Lansing. Price, \$405.

Helfer Dove 2d, by Ability (6272), out of cow Duchess 2d, by Character 3d (3739), out of Duchess by Patrick (4006), to John Abbot, Lancer.

Duchess 2d, by Character 3d (3739), out of Duchess by Patrick (4006), to John Abbot, Lapeer. Price, \$260.

Cow Forelock 2d 10216, by Character 3d (3739), out of Forelock by Patrick (4006), to J. Abbot, Lapeer. Price, \$225.

Heifer Foretop (twin), by Surprise (7297), out of Forelock 2d (10261), to John Abbot, Lapeer. Price, \$310.

Heifer Forette (twin mith Forette), to J.

out of Viola by Prince Edward (3349), to John Abbot, Lapeer. Price \$180.

Heifer Harvest Queen 12620 by Earl Horace (7580), dam Hardy 2d by Grand Duke (5342), R. G. Hart, Lapeer. Price, \$205.

Cow Lady Moor 2d 11464, by Sir George (3439), out of Lady Wintercott by Tom Boy (3546), to R. G. Hart, Lapeer. Price, \$170.

Heifer Mayflower 6th 13395, by Bredwardine (5233), out of Mayflower 2d by The Earl 2d (5048) to R. G. Hart, Lapeer. Price \$160.

Cow Miss Agincourt 3d 10180, by The Earl 2d (5048), out of Miss Agincourt 2d, by The Moor (4191), to the Agricultural College, Price, \$455.

Cow Sovereign 6th, by Hildebrand (4646), out

Cow Sovereign 6th, by Hildebrand (4646), out of Sovereign by Jupiter (3191), to J. M. Turn-er, Lansing. Price, \$255. The Shorthorns coming to this State are all from the herds of T. Corwin Anderson,

of Side View, Ky., and C. Howell, of Mt Sterling, Ky. They comprise the follow ng:

Ing:
Bull calf Fennel Duke 2d of Side View, by
Lord Bates 5232, out of Fennel Duchess 2d of
Side View, by imp. Wild Eyes Connaught 34099,
to Agricultural College. Price, \$390.
Yearling bull Baron Place, by 8th Duke of
Vinewood 32445, out of Peach Blossom 10th by
4th Duke of Winfeld (4151), to James Turner,
Lansing. Price, \$100.
Bull calf Roan Duke of Side View 8th, by
Lord Bates 52432, out of Roan Duchess of Side Lord Bates 52432, out of Roan Duches of Side View 3d, by 8th Duke of Vinewood 32445, to James M. Turner, Lansing. Price, \$100. Yearling bull Lord Moriey, by 16th Baron Morley 37696, out of Lady Fanny by 2d Baron Morley 13427, to James M. Turner, Lansing. Price, \$95.

Price, \$95.

Bull calf Airdrie Xalapa, by 2d Duke of Xala

Bull calf Airdrie Xalapa, by 2d Duke of Xala

Bull caif Airdrie Xalapa, by 2d Duke of Xalapa, out of Airdrie Rose, by Airdrie 2th 13321, to James M. Turner, Lansing. Price, \$78.

Bull caif Oxford Airdrie by 32d Duke of Airdrie 50852 out of Oxford Myrtle 6th by exp. 5th Lord Oxford 10382, to Sheldon Bros., Climax, Kalamazoo Co. Price, \$105.

Yearling bull Earl Lanford, by 2d Duke of Grasmere 13961, out of Sylph, by 3d Cambridge Rose Duke 22396, to James M. Turner, Lansing. Price, \$165.

Egira's Geneva 55975, by Duke of Geneva 23631 out of Egira 2d, by 2d Duke of Grasmere 13961, to James M. Turner, Lansing. Price, \$90. Price, \$90.
Yearling bull Athol Duke, by 2d Duke of Grasmere 13961, to James M. Turner, Lansing.
Price, \$90.
Yearling bull Athol Duke, by 2d Duke of
Xalapa 38654, out of Rosalie 5th, by Duke of
Athol 9805, to James M. Turner, Lansing.
Price, \$105.

Price, \$105.
Yearling bull Coral's Duke, by 3d Duke of
Fiat Creek 51015, out of Coral 2d.
Yearling bull Nanetta's Lad, by 2d Duke of
Xalapa 38650, out of Nanetta. 8tb, by Duke
of Xalapa 38652, to James M. Turner, Lansing.

9943 (Record), out of Helen Princetown 3d by 14th Duke of Thorndale 8031, to J. M. Turner, Lansing. Price, \$110.

#### Sheep and Wool Notes

THE flock of Mr. Wm. G. Hinman, of Pontiac, Oakland County, made a good shearing record this season. This flock comprises 70 head, all straight Atwoods but three, and they averaged 15% lbs per head, the 70 giving 1,103 lbs. of wool. His three year old ram General, straight Atwood, by Delong [362], he by All Right [192], sheared 33 lbs., and a two year old by A. D. Taylor's Genesee 251, lbs. Several thers ranged from 20 to 231/4 lbs. The wool was of a very high standard in quality and of good length of staple.

SHEARINGS AT NAPOLEON, JACKSON CO. Although Napoleon, Jackson County, has not dvertised any shearing festival this year, yet she has some sheep she is not ashamed of. On April 24th C. A. Wood held a small shearing at his place, when he clipped, as fourth fleece from the ram L. S. Burwell 85, 321/2 lbs. This crop, as by that time the weak growers | ram is owned by him and W. C. Weeks. Also from two ewes, J. W. W. 32 and 33 (twins from Gen. Dir) 16 and 17 lbs. W. C. Weeks has a party of six fine yearling ewes from L. S. B. 85, that avveraged him 12 lbs.; and seven two at 10@12c. At Cobleskill sales are re-Winkle that averaged 14 lbs. May 6th, J. P. Dean cut from his ram Vulcan (D. C. Smith 10@144c. The Waterville market is re- 108), sired by Wallstreet 70, with 368 days growth, as second fleece, 341/4 lbs., and from paying 14@16c for choice, 12@13c for two ewes J. F. Randall 154 18 lbs, R. Lane 336, 19lbs. 2 ozs.; Also from a two year old ram

Mr. WM. BALL, of Hamburg, has sold to W. E. Boyden, of Delhi Mills, the five year old Cruikshank cow Nonparell 40th, by Statesman 1st 55004, out of imp. Nonpariel 32d, by Sir Christopher (328+5); Nonpariel 26th by Scarlet Velvet (16916); Nonpariel 24th by Lord Sackville (13249); Nonpariel 23d by The Baron (13833); Nonpariel 17th by Matadore (11800); Nonpariel 10th by Prince Edward Fairfax (9506), &c., &c. This is a fine show cow. She took second premium at Kalamazoo at State Fair last fall. Was shown four days after dropping the calf lately sold to A. Hosner, of dairy products soliciting their aid. It is North Farmington. She also took second premium at State Fair last held in Detroit. She is a very fine specimen of a beef animal. factory products of cheese and butter, as and Mr. Boyden is to be congratulated on this

#### Change of Time. The following changes have been made

by the Michigan Central R. R. in the arrival and departure of trains at Detroit:

The following changes have been made by the Michigan Central R. R. in the arrival and departure of trains at Detroit:

The mail train going west will leave at 7.35 A. M. instead of 6.30 as heretofore, and will run between Jackson and Niles fact. and will run between Jackson and Niles two hours in order to connect with it.
This train arrives in Chicago at 9 P. M.,
and will run daily, including Sunday.
The day express will leave at 9.05 A. M. and will make several new stops, Parma, Augusta, Galesburg, Dowagiac, etc. The

P. M. Kalamazoo train making all stops between Detroit and Kalamazoo. The

evening express leaves at 7 P. M. instead of 8, and the Pacific express at 9.10 instead of 9. The mail train from the west arrives at 7.20 P. M., instead of 6.05, day express 6.45 P. M., instead of 6.25; New York limited at 11.15 P. M., instead of 11.59, and night xpress at 7.20 A. M., instead of 8.30.

The changes in the Canada division are few, the limited express leaving at 11.25 P. M., the Atlantic express at 6.20 and the

New York express at 12.05 P. M , a variation of from five to fifty minutes in each case from the old time table.
On the Toledo division a train is added, leaving Detroit at 9.35 p. m. and arraving

at 11.05 P. M.
On the Bay City division the morning train will leave at 8.45, fifteen minutes later than before, and all trains will arive a little earlier.

The changes on the Air Line, Grand Rapids, Saginaw and Mackinac divisions re unimportant. Passengers on the South Haven division

will experience the pleasing novelty of fast trains, the time being shortened and a new train each way added. THE FLINT & PERE MARQUETTE. The new Flint & Pere Marquette time able has only two changes as far as Detroit is concerned. The express formerly leaving at 12.10 P. M. will hereafter leave at 2. 45 and the evening train will leave at P. M. instead of 5.05.

The Grand Trunk has put on a new fast

train that will run via the Great Western Division for New York and Boston daily at 2 o'clock midnight. The train will be known as the New York and Boston imited express, and will make all eastern connections. It takes the place of the train leaving heretofore at 11 P.M. which is ow discontinued.

#### NEWS SUMMARY.

Michigan. The total loss by the recent lumber firm at Au Sable is \$73.600.

Last week a company was formed at Maple Rapids to sink a salt well. A Capac man has just returned from Tennessee with 60 colonies of bees.

Owosso American: A small clip of fine washed wool brought 25c per lb. Daniel Geek was instantly killed by a falling imber at a barn-raising near Corunt Gen. Spalding, of Monroe, names his thoroughbred fillies after Monroe's most beautiful

A Kalamazoo windmill factory has just re-ceived an order from a British colonel in Africa. Monroe Democrat: E. J. Drouillard, of Erie, will build a brick barn to cost \$2,500 this

Within three weeks P. F. Bowne, of Mt. Pleasant, has lost his entire family of six child-en of diphtheria.

Sanilac Jeffersonian: The first wool rought into this market was unwashed and rought 24c—one third off. The W. C. T. U. met at Adrian last week with a large attendance. The member Association is now 6,800.

John Helman, of Grand Rapids, wanted to get rid of some bad blood and so severed ar artery. He came near dying. Utica Sentinel: Alma Shultz, ten years old,

quite a local heroine. She saved her ster Martha from drowning. Willie Tuttle died at St. Louis recently, of pinal disease brought on by too much roller kating. He was 15 years old.

St. Clair mourns the death of a quiet inoffen ive resident, a family horse owned by the late Captain Clark, and 37 years old. Stock to the amount of \$15,000 has been

ubscribed to construct a standard gauge rail-oad between St. Clair and Detroit. Caro's new tub and pail factory is fast approaching completion. It will turn 30 cords of cedar into 650 pails and 250 tubs daily. A Petoskey man, Mr. E. Eldridge, has had

en cancers removed. An eleventh has develop-d on the jugular vein, and cannot be removed. Ionia Sentinel: Babcock, Smith & Co. bought the first wool of the season on the 18th, paying 16 cents for unwashed and 23 cents for washed.

E. W. Ellsworth, of Marlette, started up a three weeks from the time of the destruct

Shepard's shingle mill at Vestaburgh, Mont calm County, and Preston's shingle Ferris, four miles from Vestaburgh,

Flint buildings seem to have a trick of tumbling. Last week the wall of the Lewis ery gave way, owing to the pressure of the contents of the building.

The Caro Advertiser visits us this week, sanguinary in hue, being printed entirely in red ink. The occasion is the anniversary of the fire which devastated Caro a year ago. Ann Arbor justices enforce the law relative to the killing of birds. A lad of that place recently paid \$5 for killing a Baltimore oriole. The boys can kill all the sparrows they please.

Erskine Douglass, of Greenville, aged 11 years, sat upon a sharpened pencil, placed on his chair by a companion "just for fun," and received an injury that it is feared will prove

A Clayton, Lenawee County, lady's Jersey cow drank a kettle full of Diamond dye stuff recent-ly, and though Jerseys are famous for convert-ing food and drink into milk and butter, the ask was in this instance too great and the

Another saloon row in this city Sunday resulted in probably fatal injuries to James McQuinn. The assailant was James Conway, who keeps a saloon on East Congress Street. McQuinn demanded beer and was refused, became abusive, and in the tussle which followed the contract of the contract McQuinn was badly wounded by a blow on the

A family residing in Mason keep a big dog.

The family has been helped by the city during the past winter to the necessaries of life. The dog ate more than any member of the family, yet the man said "When that dog has to go, I go," and refused to surrender his canine. Is the man so valuable a resident that he and his friend should not both "go," rather than the citizens he tayed to support a man's doe: citizens be taxed to support a man's dog?

Mr. and Mrs. Elijah Smith, of this city while driving over a railroad crossing on the Holden road, in the northern part of the city, were struck by a train on the D. & B. C railroad, and both instantly killed. They were watching a train on another road, and did not observe the approach of the other, which was running at a rate prohibited by the city ordinance and made no attempt to slow up for the crossing. The couple celebrated their golden wedding last New Year's Day. Mason Democrat: Theodore Turah, o Mason Democrat: Theodore Turah, of Wheatfield, owned a hog that was quite sick for a time, but apparently recovered, and was fattened and about four weeks ago was killed. Eight persons ate of the meat, and within ten days all were taken sick. The physician pronounced the disease trichinosis, and the meat when examined was found to be literally allvewith the triching. Lohn and Theodore Turah

ith the triching. John and Theodore ave died, and it is feared others of the sich The Plainwell Independent says two children living in Martin used some wood already cut belonging to other parties, without permission, replacing it as soon as they could get into the woods. Their parents were sick at the time,

over the air line only. The new Chicago express will leave at 1 r. M., the time of the train from the east being shortened

Fenton Independent: The agents who have been taking orders for groceries from farmers are now delivering their goods. The coffee sold to the farmers for 18c is no better than our to the farmers for 102 is no octor than our home dealers are retailing at 12½c; tea for which they paid 50c, can be bought here for 38c; baking powder at 40c which is worth but 20c; ginger and all kinds of spices in about the same proportion. A number of those who had received goods compared them and prices with our grocerymen, and learned that they had

Jackson accommodation is taken off, the 4 been swindled both in quality and in price

Exton Rapids Journal: The children of a family by the name of Galloway were allowed to play with the oil can. One, a boy of about three years old, became pretty well soaked in oil, when another child of the famits of five years old, lit a match and ignited the oil on the clothing of the little boy. School children were passing the house at the time who discovered the little fellow enwrapped in fiames. One of their number, Eddie Cadwell rushed in, and with creditable presence of mind threw the sufferer onto a bed and smothered the flames with the bed-clothing. The child was badly burned, but may recover. Exton Rapids Journal: The was badly burned, but may recover.

D. R. C. Kedzie, of the Michigan Agricul-cultural College, has analyzed samples of wa-ter from wells and hydrants at Plymouth, Pa, the town where such a fearful epidemic of typhoid fever has raged. That the disease is caused by the water is proven beyond doubt. Dr. Kedzie says: "Both of these waters as-bad—unfit for potable and culturary use. The well water is simply horrible. I have examined many bad waters, but never found one son well water is simply horrible. I have examined many bad waters, but never found one so uterly unfit for use. It belongs to the dunheap rather than the dinner pot. It swarms with the low forms of life in countiess numbers. The hydrant water contains the same animalcules, but in smaller number. The examination of this water awakens surprise, not that many are sick in Plymouth, but that any should be well."

#### General. French Canadians say Louis Riel must not

Toledo is to have a new \$500,000 court Business failures last week number 239, at

The number of postoffice envelopes used ast year was over 30,000,000.

Senator Freylinghuysen died at Newark, N., last week, and was buried Saturday. One entire block in the business portion of Miles City, Montana, was burned last week. Loss \$60,000.

Muskegon has contributed 1,000,000 feet of lumber to stock up the Chicago lumber yards recently cleaned out by fire.

Ben. Perley Poore, the veteran correspondent of agricultural journals, claims to have shaken hands with 17 presidents.

The Indian Chief Poundmaker sent in a flag of truce on hearing of Riel's surrender, asking on what terms he would be allowed to surren-While John Barns and Thomas Doran were

at work in the meter room of the St. Louis gas company, a meter exploded, killing both and wrecking the building. Henry Meyer, of the firm of Meyer & Rebstock, of Cincinnati, committed suicide by hanging last week at his residence in Clifton. Poor health was the cause.

Lizzie Lewis, aged four, hacked her little rother Harry to death at Port Jefferson, L ., last week. The child has evinced a hared

or the baby ever since it was born. Canadian Indians from the neighborhood of Qu'Appelle are crossing into the United States, but Uncle Sam will at once take steps to have

them sent back to their reservation

A six days' convention of the National Holiness Assembly opened at Chicago lat week, with attendance of 200 delegates. The vicked world wags on just the same.

The San Salvador army routed the revolu-tionist force after a five hours engagement at Armenia, in Salvador, and captured cannon, ammunition and a large number of insurgents. Albert E. Marsh, superintendent of Koch, Sons & Co.'s stationary establishment, New York, sailed for Europe last week, a defaulter for \$60,000, obtained by doctoring the pay

At a funeral service near Pittsburg, Pa., last week, the floor of the porch of the residence gave way while crowded with people, and two women, Mrs. Culbertson and Mina Lepselter, were killed.

There was a "corner" in hay in New York city last week, owing to the short supply in the Mohawk valley and other parts of the State which supply the metropolis. Good hay sold for \$2\* per ton.

A single American sewing machine firm is A single American sewing machine firm is shipping sewing machines to Russia and to agents in Germany and Belgium for transfer to Russia, at the rate of 4,000 per week. The machines are to fill urgent orders for quanti-ties of military clothing.

The extensive forest fires at present ranging on South Mountain, about 15 miles west of Frederick, Md., are destroying much valuable timber. A tract of several miles, embracing many hundred acres, is reported to have alward been hursed over ready been burned over.

The imprisonment of the Mormon elders, Christian and Garner, at Chattanooga, Tenn., on the charge of preaching polygamy, causes a good deal of excitement at Elizabethton. The elders had made many converts in that section, who say they will protect the accused men. The two pephews of Rev. Father O'Flaherty

Skaneateles Lake, New York, last week, and it is supposed they were abducted. The boys were seen to leave Syracuse by rail with a stranger; since then no trace can Postmaster General Vilas intends to order that cheap novels shall no longer be sent through the mails as second class matter. The publishers have heretofore sent them at a cent per pound under the claim that they were "periodicals published daily." This order,

made, will amount to proscription At Pittsburg, Pa., on the 21st Franz Karlind shot a three year old girl, daughter of his boarding house keeper, and almost instantly after fired two shots into his own heart. He had been playing with the child just before, and many think the shooting was accidental, and that, overcome with horror at what he had done, he shot himself.

The accounts of John A. Van Gelder, receiving teller of the Union National bank at New York city, are being examined, and show that for ten years he has systematically robbed the bank. His peculations amount to \$33,000, for \$5,000 of which his bondamen are responsible, so that the bank's loss is \$38,000. Van Gelder disappeared on the 6th inst, with \$3,000 which he stole, leaving his family des-Last week Marshal Henry Auer, of New Straitsville, O., quarreled with Albert Guest, on the street and was shot by Guest. A boy of 11 years, fifty yards away, was mortally wounded by a stray shot. Guest was arrested and jailed, and at midnight 200 masked men broke into the jail, compelled the constable at the point of their revolvers to surrender the keys, and taking Guest to the outskirts of she city.

and taking Guest to the outskirts of the city, riddled him with bullets. At Madison, Wis., two women, Mrs. Rebecca Marraot of Baraboo, and Mrs. Margaret Cooley, of Mitchell, Dak., sisters, pleaded guilty to the charge of perjury and were last sentenced to two years in State prison. They sentenced to two years in State prison. They swore falsely to establish an alibi for James Kirby, alias Simmons, their brother-in-law, and a noted craftsman. Each woman had an infant in her arms when sentenced, and the babies will go to the penitentiary with the mothers.

Robert E. Odlum, of New York city, jumped Robert E. Odlum, of New York city, jumped from the Brooklyn bridge last week. The rash deed was cone on a wager, and a confederate held the policeman's attention while Odlum mounted the parapet. The moment be struck the water a boat was at hand to rescue him. He spoke once, asking if he made a good jump, and died in a few moments after. Five ribs were broken, and the heart was evidently fatally affected by the force with which he struck the water.

fatally affected by the lorce with which active water.

Louis Francois, a Frenchman of New York city, was arrested in the streets of that city one night last week, with a bag containing the mutilated corpse of his mistress, with whom, he had quarreled, and whom he had murdered. To the policeman who arrested him as a suspicious character he said his wife had died, and being unable to give the body Christian burlal he was on his way to throw it into the river. Examination proved he had murdered the unfortunate woman because she had lost a dog which he had found and for which he expected to get a reward.

A fire occurred in Sullivan's printing house at Cincinnati on the afternoon of the 21st, which resulted in the death of 17 persons. A gasoline stove exploded on the second floor; the flames entered the elevator chute, next the stairway and all chance of escape was thus cut off. The loss of life was principally among girls employed in dye-works in part of the building. All might have escaped by an

among girls employed in dye-works in part of the building. All might have escaped by an opening in the roof had it been remembered and been easy of access. Fourteen of the

May 26, 1885. rictims were girls. John Sullivan, cousin of ictims were gire. South and the girls by its proprietor, saved several of the girls by ing them to a rope and lowering them to the round, but lost his own life by his heroism.

"onpleasantness" at Panama con The "onpleasantness" at Panama continues. The United States war vessels Tenesses and Alliance have returned from Carthagena. Admiral Jouett was unable to Carthagena. Admiral Jouett was unable to Carthagena on Eastern and Alliance and the rebel Gytan, with 2,000 followers, made an assault on the walls of Carthagena on the night of May 7. Walls of Carthagena on the night of May 7. After a severe battle the insurgents were repulsed, with a loss of 800 men. Gen. Vila, president of Panama, with 4,000 men arrived at Dersident of Panama, with 4,000 men earlived at Dersident of Panama assault on the May 1,000 men. Gen. Vila, with 4,000 men earlived at Dersident of Panama assault on the May 1,000 men. Gen. Vila, with 4,000 men earlived at Dersident of Panama assault on the May 1,000 men. Gen. Vila, with 4,000 men earlived at Dersident of Panama assault on the May 1,000 men. Gen. Vila, with 4,000 men earlived at Dersident of Panama assault on the May 1,000 men. Gen. Vila, with 4,000 men. G

Caringens of cats and dogs.

James Navarre, of Monroetown, and T. J.

Armstrong were arrested at Monroe last week, Armstrong were arrested at Monroe last week, and vicinity during the past six months. They and vicinity during the past six months. They stole 12 bags of clover seed from an F. & P. stole 12 bags of clover seed from an F. & P. stole 12 bags of clover seed from an S. & P. stole 12 bags of clover seed from an E. & P. stole 12 bags of clover seed from an E. & P. stole 12 bags of the past of the care loaded and board the train at Alexis when it stopped for the target. He would then get into the care constead and as the train passed Navarre's and board the tain as maked which it stopped for the target. He would then get into the car be spotted and as the train passed Navarre's louse dump out what goods he could and the atter would gather them in. The three rail-oads have lost over \$1,000 worth of goods.

#### Foreign.

Cholera has broken out in Marseilles, Ten per cent of the British troops remaining at Suakim are ill.

France is about \$100,000,000 behind as the Victor Hugo, the great patriot, poet and novelist of France, died on the 22d, 83 years

Bartholdi's mammoth statue of "Liberty inlightening the World" is en route for the inited States.

Emperor William is again indisposed. His Emperor William is again indisposed. His lness will cause the postponement of King copold's contemplated visit to offer in person is thanks to the kaiser and Prince Bismark tance in promoting the founding the Congo states.

The excitement at Madrid over the seizure by France of settlements on the gulf of Guinea claimed by Spain is intense. The government is preparing a protest. The ter-citory in question is operated by the Spanish ory in question is mmercial society. The Ameer of Afghanistan is said to be horoughly alarmed over the situation, and want of harmony between England and Rus-

want of narmony between England and Land sia, and to be pushing troops forward and fortifying Herat with the heavy battery pres-ented him by England. The war preparations in India have never been stopped, in spite of rary assertions. "Fearless" Threshing Machine.

We call the attention of farmers and thresherme

to the advertisement of the celebrated "Fearless Threshing-machine, elsewhere in this paper. Unpa leled honors have been bestowed upon this machine at fairs and exhibitions, State, National and Inte at fairs and exhibitions, state, xistoan and the national; and if universal victory at trials is eviden of superiority, then most assuredly was an ex-Pre t of the New York State Agricultural Society con rect, in saying of the Harder Machines, "they are the best ever made." And, as equally good and reliable testimony has been borne times without number, per ons designing to purchase will do well to consult the nanufacturer of the "Fearless," MINARD HARDER Cobleskill, N. Y.

NEW ADVERTISEMENTS.



Society on Horse-powers and Threaters; and it she Only Thresher selected from the vast number built in the United States, for illustration and description in "Appleton's Cyclopedia of Applied Mechanics," recently published, thus adopting it as the grandard machine of this country. Catalogue sent free. Address MINARD HARDER, Cobleakill, Schoharic Co., N.Y. Central Michigan Agricultural Society's SPRING FAIR.

Lansing, June 9, 10, 11 & 12, 1885

rand Exhibition and Sale of Farm Machinery.

The best place to compare the leading machines the west, and the best place in the State to buy Fair opens at 8 a. m.; races called at 2 p. m.,

SPRED PROGRAMME. TUMBDAY, JUNE 9. No 1—\$150: 8, years old or under: 1st, \$75; 2d, \$35; 3d, \$25; 4th, \$15. \$200; 2:45 class: 1st, \$100; 2d, \$50; 3d, \$30

WEDNESDAY, JUNE 10. No 3-\$150; 4 year olds or under: 1st, \$75; 2d, \$35; 3d, \$25; 4th, \$15.
No 4-\$350; 2:27 class: 1st, \$175; 2d, \$35; 3d, \$55; 4th, \$35. No 5-\$150; Running half mile, 3 in 5: 1st, \$75; 2d, \$25; 3d, \$25; 4th, \$15.

THURSDAY, JUNE 11. THURBDAY, JUNE 11.

No 6—\$500; 2:35 class: 1st, \$150; 2d, \$75; 3d, \$45;
4th, \$30.

No 7—\$200; Double teams, either pacers or trotters; both horses of a team must be of the same gait: 1st, \$100; 2d, \$50; 3s, \$30; 4th, \$30

-\$300; Running (mile, 2 in 3): 1st, \$150; 2d, \$75; 3d, \$45; 4th, \$30. PRIDAY, JUNE 12. % 9-\$300; 3:00 class: 1st, \$100; 2d, \$50; 3d, \$30; Mo 10-\$300; \$2:25 class, pacers: 1st, \$150; 2d, \$75; 3d, \$45; 4th, \$30.

\$100; Free for all trotters: 1st, \$900; 2d, \$100; 3d, \$60; 4th, \$40. decords made at Soring Meetings in 1885 will bar at this meeting. Ill purses are for Trotting Mile Heats, keat three dre to harness, except where otherwise speci-

Five to enter, three to start.

The Association reserves the right to postpone it, away to had weather or other unavoidable suse, the Association shall be unable to start one or more of its races on or before 4r. m., Friday June 12, such race or races may be declared off, and entrance money therein refunded.

A horse distancing the field, or any part thereof, the one premium only.

Heats in each day's races may be called alteracted in each day's races

ance Fee, ten per cent of purse as follows: ar cent must accompany nominations; the ing five per cent must be paid to the Secre-or before 6 r. m. of the day before the race. failing to pay the second five per cent to the first only. lose on Saturday, June 6.

BEN B. BAKER, Secretary. Shorthorn Bulls For Sale. Two balls thirteen and twenty-one months old.

Ared by Lord Barrington 2d and 31st Duke of
Hilladale. Solid red, good individual animals
and will be sold very reasonable if called for soon
H. C. RICHARDSON,
Sandstone, Jackson Co., Mich.

Shorthorn Bulls For Sale. Six young Shorthorn bulls, all fit for service, sired by Horatio, he by Gen. Custer 29618, dam Hela 3d by Ruffus 18275, with one exception. They are red, red and white, and one roan. If applied for soon will be sold at very reasonable prices. All digues and the red and white the sold at very reasonable prices.

le to registry. Address
WM. T. JOHNSON,
Northville, Mich. FOR SALE.

A choice lot of Berkshire pigs, boars and sows, ferviceable age; sows bred before shipping to a prize boar, if desired. All stock eligible to egister. Prices reasonable. Address C. HIBBARD & SON.,

Shorthorn Bulls For Sale. I have four high-bred young Shorthorn bulls of extra individual merit, and fit for service, which is will sell at reasonable prices. Also a few good lafters. Address T. M. SOUTHWORTH Jay201.

Allen, Mich.

DIRECTORY

Michigan Breeders.

CATTLE .- Shorthorns.

A. tle, Shropshire sheep and Essex swine. Stock for sale. Cerrespondence solicited. Jerome.

A. D. DeGARMO, Higher Actie. Stock farm half a mile north of station. Young stockfor sale myl5-6ms

A E. ANDREWS, Maple Valley Stock Farm, Williamston, Ingham Co., breeder of thoroughbred Shorthorns of good families. Also agent for the Celebrated Champion Creamer.

A P. COOK, Brooklyn, Jackson Co., breeder of Shorthorn Cattle. Good families repre-sented. Bull Major Craggs at head of herd. Choice young bulls for sale.

CHARLES FISHBECK, Lakeside Stoc Farm, Howell, Livingston Co. Breeder & Shorthorns. Herd headed by Bates bull Barone Belle Bates 47411, Belle Duchess, Cambria's Vi

HIBBARD & SON, Bennington, Shiawas base Co., breeders of Shorthorn cattle, Berk shire swine and Merino sheep. All stock record ed. Stock for sale.

R. BACKUS, Springdale Stock Farm

Williamston, Ingham Co., breeder of thoroughbred Shorthorns, Vermont and Michigan breeder Merino Sheep and Percheron horses. Stock for sale. Correspondence solicited.

C. S. BROOKS, Brighton, Mich., breeder of Registered Shorthorns of leading families— Pomonas, Floras, etc. Also American Merino Sheep and Poland China Swine. Young stock for

DAVID P. WILCOX, Forest Hill Stock Farm Breeder of thoroughbred Shortha

M. UHL, Brookside Herd, Ypsilanti. Choice Shorthorns of the best milking and beet making qualities for sale. Correspondence on inv20-1

P. RELSEY, Clay Ridge, Ionia, Ionia Co.

P., breeder of thoroughbred Shorthorns. Principal families Young Mary, Phyllis, Gwynne and Pansy. Also recorded Berkshires and Poland Chinas. Correspondence solicited.

R S. BURNETT, Brancroft, Shiawassee Co breeder of Shorthorn cattle of the Irena, Vic oria and Strawberry families. Stock for sale.

T A. BRADEN, Bancroft, Shiawassee Co., braeder of thoroughbred Shorthorns. Good families represented, with Lord Raspberry 2d at head of herd. Stock for sale.

PRANK E. IVES, Hickory Ridge Stoc Farm, Unadulla, Livingston Co., breeder of thoroughbred Shorthorns of good families. Stoc for sale. Correspondence invited.

EORGE W. STUART, Grand Blanc, Gene of see Co., breeder of thoroughbred Shorthorn Cattle, Registered Merino Sheep, and Jersey Red Swine. Correspondence solicited. jai7-17

H. HINDS, Stanton, Montcalm Co., breed, er of Shorthorn Cattle and American Mering

H & H, G. HOLT, Thorneapple Stock Farm. Cascade, Kent Co.; breeders of thoroughbree Shorthorns and pure Suffolk swine; young stock or sale; correspondence invited.

M. WHITAKER, Hazelnut Ridge Farm Lima, Washtenaw Co., breeder of Shorthor lattle and American Merino Sheep. Young stock or sale.

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James Navarre, of Moñroetown, and T. J.

on the fiesh of cats and dogs.

James Navarre, of Moûroetown, and T. J. Armstrong were arrested at Monroe last week, for the numerous thefts committed in Monroe and vicinity during the past six menths. They stole 12 bags of clover seed from an F. & P. M. car and sold it in Toledo for \$150. Their method of doing business was to steal until they had enough goods for a load and then ship them to some dealer, or take them to Toledo. One of their tricks was for Armstrong to go to Tolede, watch some of the cars loaded and board the train at Alexis when it stopped for the target. He would then get into the car he spotted and as the train passed Navarre's house dump out what goods he could and the latter would gather them in. The three railroads have lost over \$1,000 worth of goods.

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NEW ADVERTISEMENTS.



The only machine that received an award on both Horse-power and Thresher and Cleaner, at the Centernial Exhibition; was awarded the two hat Gold Medglag siven by the New York State Agricultural Society on Horse-powers and Threshers; and is the Only Tresher scleeted from the vast number builtin the United States, for illustration and description in "Appleton's Cyclopedia of Applied Mechanics," recently published, thus adopting it as the standard machine of this country. Catalogue sent free. Address of this country.

Central Michigan Agricultural Society's SPRING FAIR.

Machinery.

The best place to compare the leading machines in the west, and the best place in the State to buy Fair opens at 8 a. m.; races called at 2 p. m.,

TUMEDAY, JUNE 9.

501—\$150: 3 years old or under: 1st, \$75; 2d, \$35; 3d, \$35; 4th, \$15.

\$0.—\$200: 2:45 class: 1st, \$100; 2d, \$50; 3d, \$30

WEDNESDAY, JUNE 10.

S02—\$150: 4 years old or under: 1st, \$75; 2d, \$30; 2d, \$30

\*\*\*WEDNESDAY, JUNE 10.

\*\*\*30:3d. \$25; 4th. \$15.

\*\*\*30:3d. \$25; 4th. \$15.

\*\*\*30:2d. \$85; 3d. \$25; 4th. \$35.

\*\*\*4th. \$36.

\*\*\*50: Running half mile, 3 in 5: 1st, \$75; 2d, \$25; 3d, \$25; 3d, \$25; 4th. \$15. THURSDAY, JUNE 11.

-\$300; Running (mile, 2 in 3): 1st, \$150; 2d, \$75; 3d, \$45; 4th, \$30. PRIDAY, JUNE 12.

% 9-\$200; 3:00 class: 1st, \$100; 2d, \$50; 3d, \$30; 

in each day's races may be called alterrance Fee, ten per cent of purse as follows: Autrance Fee, ten per cent of purse as follows: here per cent must accompany nominations; the maining five per cent must be paid to the Secretaria or before 6 F. M. of the day before the race. Fatiles failing to pay the second five per cent to infeit the first only.

Entires close on Saturday, June 6.

Races to be governed by the Rules of this Association.

BEN E. BAKEH, Secretary.

Shorthorn Bulls For Sale. Six young Shorthorn bulls, all fit for service, sired by Horatio, he by Gen. Custer 29618, dam Bela 3d by Rufus 18275, with one exception. They are red, red and white, and one 10an. If applied for soon will be sold at very reasonable prices. All digition. 

FOR SALE.

A choice lot of Berkshire pigs, boars and sows, of serviceable age, sows bred before shipping to our prize boar, if desired. All stock eligible to register. Prices reasonable. Address C. HIBBARD & SON.,

BENNINGTON, SHIAWASSE COUNTY, Mich.

Shorthorn Bulls For Sale. I have four high-bred young Shorthorn bulls of extra individual merit, and fit for service, which I will sell at reasonable prices. Also a few good sailest reasonable prices. Also a few good sailest reasonable prices. Also a few good caives for sale. Stock at Lapeer, near railroad station.

Allen, Mich.

Allen, Mich.

BUTTERFIELD, Jr.,
Port Huron, Mich.

NEW ADVERTISEMENTS.

Sales!

SERIES

Tuesday, June 2,1885

Measrs. J. S. Highmore, of Rochester, Ill., and H. E. Gardner, of Bradforton, will sel 40 HEAD of COWS, HEIFERS and BULLS.

Representing the following families: Yourg Marys, Nelly Blys, Gwynnes, Lady Newhams, Phœble White Rose, Victoria, Gem by Broker, including the imported cow, Autumn Queen, and two of h

WEDNESDAY [Next Bay], JUNE 3, 1885, Messrs. J. N. Brown's Sons, of Berlin, Ill., D. W. Smith, of Bates, S. E. Prather, of Sprin, field, will sell at Fair Grounds, Springfield, Illinois, 60 HEAD of COWS, HEIFERS and BULLS.

lot of Show and Prize Catile of such families as Illustrions, J Barrington, Mazurka, Yout, Western Lady, Nelly Blys, Forest Queens, Waterlillys, White Roses, Young Phillis, Rose is, Violets; 11th Dake of Athol 33284, will be included in the sale. Sale to commence at 11 a. 1

THURSDAY [Next Day], JUNE 4th, 1885.

H. Potts & Son, will sell at their farm (end of Street Railway) at Jacksonville, Illinois,

35 HEAD OF SUPERIOR CATTLE.

of such families as Young Marys, Young Phyllises, Amelia Desdemonas, and also some representives of our Cruickshank families, a grand lot of young bulls will be offered. also the three yold Cruickshank bull Imp. Vantrop 55160, a grand breeder and Show bull.

FRIDAY [Next Day], June 5, 1885, at the Fair Ground, Camp Point, Ill., J. W. Moore, Mound Station, Ill., and W. W. Byram, Abington, Ill., will sell about

60 HEAD OF WELL-BRED SHORTHORNS

The excitement at Madrid over the seizure by France of settlements on the gulf of Guinea claimed by Spain is intense. The government is preparing a protest. The territory in question is operated by the Spanish commercial society.

Of the following leading families: Young Phillis, Young Marys, Barringtons, Waterloo J., Mazurkas Ruby, Mistletoe, Lady Athol, White Rose, Lady Aylesbury. Pomona, Louans. The Grand 6th Duke of Barrington 50880, will be included in this sale.

These sales will embrace some of the best Shorthorns in the country, all being from first-class herds, and all accessible and conveniently arranged for relative country. These sales will embrace some of the best **Shorthorns** in the country, all being from first class herds, and all accessible and conveniently arranged for visitors to attend. For Catalogues of any particulars, address the parties as above, or J. W. & C. C. JUDY, Auctioneer.

> June Series Kentucky Shorthorn Sales 400 Head of Finely-Bred Cattle.

JUNE 8th, Hon. W. E. Simms and James Ingles, Messrs. Bell, Schooler, Ashurst & Co., at Ingleside, Hutchinson, Ky., will sell 80 head of choice Shorthorns: Golden Drops, Princesses, Ianthas, Young Marys, Illustrious, Rose of Sharons, Pomonas, &c. All regular trains both ways on K. C. R. R. will stop at Ingleside on day of sale.

JUNE 9th, Messrs. J. A. Thorne & J. T. Marshall of Millersburg, Ky., will sell 50 head of nicely bred Shorthorns at Paris, Ky., of the following families: Cypresses, Craggs, Gems, Young Phyllises, Young Marys, Red Daisies, Princesses, Garland Duchesses, &c. JUNE 10th, Mr. Jas. Hall and Hon. C. M. Clay Jr., will sell at Paris, Ky., 70 head: Pomonas, Red Daisies, Jessamines, Galateas, Miss Wileys, London Duchesses, Lady Carolines, Road Duchesses, Goodnesses, &c.

uchesses, Goodnesses, &c.

JUNE 11th, Mr. Horace Miller, New Forest, Paris, Ky., will sell 75 head of choice individual horthorns: Duchesses Daisles, Miss Wileys, Western Prides, Seraphinas, Rose of Sharons, essamines, Young Marys, Pomonas, &c. Loudon Duke 55th 52539, the best bull of this family ving will be included in the sale. An extra train will be run from Paris, Ky. on the day of sale. JUNE 12th, Mr. Joshua Barton, Millersburg, Ky., will sell from his celebrated Hinkston Herd of Bates Shorthorns, a select draft of 60 head: Barringtons, Wild Eyes, Peris, Kirkleving-ions, Roan Duchess, Renick Roses of Sharon, Young Marys, &c.

JUME 13th, Messrs. W. N. Offutt, Joseph M. Hall and Joseph Evans, Georgetown, Ky.. will sell at Lexington, Ky. 60 head of choicely bred Shorthorns: Marys, Gems, Carolines by Newtonian, Red Daisies or Desdemonas, London Duchesses, Goodnesses, Wild Eyes, Lady Bates Mazurkas, Rosamonds, Statiras, and will include the fine Bates bulls, Baron Bates 12th 37541, Loudon Duke 57th 52540 and Lord Barrington 3d 60279. For catalogues address the parties making the sales at their respective post-offices. Terms cash, or four inonths negotiable paper, with approved security, with 8 per cent interest.

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MICHIGAN POULTRY FARM, -W. R. & I. S. Philips, Proprietors, Battle Creek, Mich. Breeders of pure blood poultry, white and Brown Legherns, Black Cochins, Langehans, Wyandottes and Silver-bearded Polish. Eggs from \$1 50 to \$3 00 per 15. Write for prices on fowls. M RS. W. J. LAWRENCE, Battle Creek, breeder of pure-bred poultry, Langaham, Wyandottes, L. Brahmas, P. Rocks, Toufouse and Embden Geese, Pekin and Ronen Ducks, and Pearl Guineas. Stock and eggs for sale in their particular properties of the property of t

DURE PLYMOUTH ROCK EGGS FOR HATCHING.—I can supply them for the balance of the season for only \$1 per 13, \$2 per 35, from three as \$ne yards as in the State; carefully packed in baskets and sewed in. G. A. BAUS-GARDNER, Clarksville, Mich. W. McDOWELL, Howell, breeder of high class poultry. Light Brahmas, Plymosth

W. class poultry. Light Brahmas, Plymouth Bocks, Langshans, Partridge Cochins, B. La-lorns, Aylesbury and Rouen Ducks, Bronse Tar-teys and Toulouse Geese, stock and eggs for sale n season, write for what you want. Ohio Breeders.

D. SLY, Clarksville, Ohlo, breeder of Recta-tored Merino sheep. Ram Buckeye (1994), owned jointly with J. S., F. C. & N. A. Wood, head of flock.

J R EATON, Bucyrus, Ohio, breeder of improved Chester White hogs. All breeding stock recorded. Stock for sale. BRADFORD, Rochester Depot, Onio, breeder of Registered Poland China swins. tock for sale. Correspondence solicited. s18-13

POLAND CHINAS

PINE GROVE HERD. Porter, Cass Co., contains over 100 head of Parebred Poland China swine; blood of the Butlers,
Corwins, Sambos, and U.S. 1195 stock, all recorded or eligible to registry in Ohio Poland ChinaRecord. Parties desiring stock can be supplied
at reasonable rates. Call on or address
GIDEON HEBRON, Box 300,
au12-1y CONSTANTINE, St. Jo. Co., Mich.

HIGH-BRED STOCK For Sale.

Hates Shorthorns—Cows, heifers and calves. Three choice Victoria Duke bulls ready for service. Trotting and Clydesdale Horses. Also a fine lot of Shetland Pontes bred from stock direct from the Shetland Islands. Send for new catalogue just out. JOHN P. SANBORN.



SHORTHORNS FOR SALE. Three young bulls fit for service, well bred and cool individual animals. Also some choice heifers. Terms reasonable. Correspondence sefig-tr



Foreign.

Cholera has broken out in Marseilles,

France is about \$100,000,000 behind as the sult of recent foreign wars.

Bartholdi's mammoth statue of "Liberty Enlightening the World" is en route for the United States.

"Fearless" Threshing Machine. We call the attention of farmers and thresherme to the advertisement of the celebrated "Fearless' Threshing-machine, elsewhere in this paper. Unpar

lansing, June 9, 10, 11 & 12, 1885 rand Exhibition and Sale of Farm

SPEED PROGRAMME.

No 6-3500; 2:35 class: 1st, \$150; 2d, \$75; 3d, \$45; 16-8300; 2:35 class: 1st, \$150; 2d, \$75; 3d, \$45; 4th, \$30.

27-8200; Double teams, either pacers or trotters; both horses of a team must be of the same gait: 1st, \$100; 2d, \$50; 3d, \$30; 4th, \$30.

3-300; Running (mile, 2 in 3): 1st, \$150; 2d, \$75; 3d, \$45; 4th, \$30.

Records made at Soring Meetings in 1895 will dams tracing straight to the state of Five to enter, three to start.
The Association reserves the right to postpone of change place of races.
It owing to bad weather or other unavoidable case, the Association shall be unable to start one or more of its races on or before 4 r. M., Friday June 12, such race or races may be declared off, and entrance money therein refunded.
A horse distancing the field, or any part thereof, gets one premium only.
Hats in each day's races may be called alter-

Shorthorn Bulls For Sale. Two bulls thirteen and twenty-one months old.
Stred by Lord Barrington 2d and 31st Duke of
Hillsdale. Solid red, good individual animals
and will be sold very reasonable if called for soon
H. C. RICHARDSON,
al24t Sandstone, Jackson Co., Mich.

COWSLIPS.

Young Spring has daisted all the meads. And flecked the rustling river reeds With dancing daffodils: The bluebells carpet every dale,

oms, sweet and pale

Peep out beside the rills. On hillside meadows in the sun, The little children leap and run, The frail white-winged butterfile That underneath Spring's sunny skies, Enjoy their little honr.

And over all the meadows green, The yellow cowslip blooms are seen, And children part in bands; With eager glee and laughing toil They rush to grasp the golden spoil.

Meet wealth for children's hands Their peals of silver laughter float Towards me, mingled with the note Of thrushes' thrilling song. I listen in my shady nook,

For memories gather strong. I carried once a heart as light As they who carol in the height of childhood's matchless glee. For me were meadows gold and green, The thrushes' song, the skies serene, And cowslips bloomed for me.

I sigh, uplooking from my book,

For me, too, loving hands entwined The cowslips in a wreath to bind My childish, flowing hair; For me, too, tender words broke forth, And voices silent now on earth, Once whispered I was fair.

Ah, my lost childhood! Never more Until I gain that farther shore, Wilt thou come back to me! But then my mother's voice and hand ome me to that fair land,

A child once more to be. And while it is my lot to wait, Let me not murmur at my fate, Nor grudge the children's play; I will go forth among the band. And plack with cheerful heart and hand, The cowelip blooms to-day.

MAY-BLOOM.

oh, for You that I never knew! Now that the spring is swelling, And over the way is a whitening may, In the yard of my neighbor's dwelling.

Oh, may, oho! do your sisters blow Out there in the country grasses-A-mecking the white of the cleudlet light, That up in the blue sky passes?

More in town the grass it is brown. Right under your beautiful clusters; But your sisters thrive where the sward's ali

With emerald light and lustres. Bream of my dreams! vision that seems Ever to scorn my praying, Come with me now a-maying!

Seal of my song! all my life long Long have I sought, shall I find naught.

Ch. for You that I never knew.

Only in dreams that bind you! ring's own grace I shall know your face. When under the may I find you! -H. C. Bunner, in the May Century

## Miscellaneous.

#### THE DAY OF THE PIC-NIC

"To think I must stay in the house an iren, on an afternoon like this! It's too bad?' was Marcia Wheeler's exclamation, as she stood for a minute at the open kitchen-door, looking at the shady grove, only a quarter of a mile distant, clothed in the marvellous robes of autumn. Then she turned to the kitchen table and went on to herself, as she spread the ironing blanket, "I just wish Jane Austin had to iron this white skirt herself. The idea of wearing such a thing at a pic-nic! I hope she will tear it, and-No, I don't either, for I shall have to mendit, if she does: and the little hands carefully smoothed a bit of the lowest frill, preparatory to be ginning operations.

" Marcia Wheeler," said a voice, at that instant-a voice which the most vivid imagination could not have pronounced " soft and low." "haven't you begun that skirt yet? I declare it's nearly three e'clock! What on earth have you been doing since you washed the dinner-dish

"I have washed my face and hands combed my hair, and changed my dress, replied Marcia, concisely.

"Combed your hair?" pursued the highpitched voice. "That is always your ex cuse. How you can reconcile your con science to wasting so much time over your hair is more than I can tell."

A bitter retort rose to the young girl's lips, but she refrained, for in a war o words the elder lady always came of victor; so she went on ironing, in utter indifference to the aunt, whose spare shrewish face, and keen, gray eyes, form ed such a contrast to her own fair, oval face, and orbs of deepest, darkest blue.

It was not a happy life she led in the old farm-house, though, as Mrs. Austin informed her friends, "Marcia was well done by, but she never acted as if she was contented, and was so jealous of Jane, you'd hardly believe it."

Jane was Mrs. Austin's daughter; and all the love the stern old dame possess was lavished on the fair-faced, helpless handed, twenty-year-old woman, "sole daughter of her house and heart," whose mission in life it was to be waited upon by the willing hands of her mother, and the unwilling ones of her cousin, Marcis Wheeler.

Marcia's father had been Mrs. Austin's only brother, and he had married just such a person (so Mrs. Austin told her niece) 'as she, Marcia, was herself, and -Here the estimable lady shook her head solemnly, and looked more severe than ever through the immense steel-

bowed spectacles she always wore. Marcia could remember neither father nor mother; but once I heard her say, while looking at the pictured face of h mother, so like her own in its girlish beauty: "If my father at all resembled my Aunt Austin, I do not wonder my mother died before she had lived three years with him." Poor Marcia! Her words sounded strangely from the lips of

The golden October afternoon wore

ironed, and about half-past four the tired hands shook out the snowy folds, and with a sigh Marcia exclaimed:

thankful!" Mrs. Austin was sitting in the kitchen, knitting most industriously, and she echoed her neice's words: " I'm thankful, too, for I didn't think

that you would ever get that white skirt done; an hour and three-quarters by the clock you've been at it. Now, I want you to put on your hat, and go over to Miss Tucker's and tell her that Jane has decided to have the trimming for her new dress cut on the bias, instead of the way she talked of when she was over there. There's plenty of time for you to get back before dark, if you don't dawdle on the

Marcia obeyed her aunt' gentle bidding with more alacrity than was usual on such occasions, for she had been longing all day to be put out in the fresh air; and the walk to the village nearly two miles distant seemed no hardship to her. Before she left the house, she said, quietly:

"I suppose you have no objections to my stopping to change my library book at the village, Aunt Austin?"

"I want to know if you have read that last book through? Doesn't Jane want to read it, too?" Marcia smiled, not a very sweet smile.

'No, aunt; Jane has no wish to read hundred years old, she will ever read a volume of Carlyle."

Mrs. Austin. "I'm glad she doesn't want to waste her time over such stuff."

Marcia passed out of the shady porch, and down the old-fashioned drive, to the road. She smiled, this time with real for that purpose. amusement. "Jane Austin wasting her time over Carlyle!"

Many and sharp words had been spoken between Mrs. Austin and her niece, before Marcia had been allowed to read what books she could obtain from the the village library. Marcia had said, finally: "I will not stay here unless I can have a little time to read. I will knit faithfully while I am reading, but read I must, or I shall starve."

"What nonsense you are talking, Marcia!" good Mrs. Austin had answered severely. 'It's sinful to talk in that way, about starving for want of books when you have plenty of good victuals to eat." Marcia had answered, quietly: "There

are different kinds of starvation," and her aunt had, at length, given a grudging consent to her reading, providing she 'kept at work on the sale socks;" for thrifty Mrs. Austin found her niece very useful, and had no intention of dispensing with her services. So Marcia knit pair after pair of coarse, steel-gray socks: she never counted how many, but knit and read every spare moment, and was happy when so doing.

When the momentous errand to Miss Tucker had been accomplished. Marcia exchanged her book for another volume of her favorite author, and then started homeward, a little tired, but happy, because, for the time, forgetful of everything but the present. She walked slowly through the beautiful woods, stopping now and then to pluck a tiny fern or spray of richly-hued autumn leaves, and en, clad in blue cambric, and engaged in bounded from the bushes with a sharp

An instant after, however, a manly voice called to the dog, and almost immediately there stood beside her the owner of the voice.

"I am sorry Neptune frightened you. Miss Wheeler. He is very boisterous."

The speaker was Roland Ashton, a newcomer in the neighborhood, a city lawyer, who had inherited old Squire Ashton's house on the hill. Marcia had met him occasionally, and had talked with him, and sometimes she fancied he particularly liked to talk with her. She looked up shyly now, and blushed.

"I was not really frightened, Mr. Ashton "she said. "But he startled me with his loud bark." And she patted the dog's head as he came close to her.

"Allow me to take your book, Miss Wheeler, for I am going past your aunt's house-that is, if you have no objection. said Roland Ashton, who was congratulating himself on having met the rarely beautiful girl thus alone, who, in secret he had loved ever since the first time he saw her in the little village church at Riverton, and of whose mind he had formel so high an impression, from the conversations, rare though they had been, which he had enjoyed with her.

"So you read Carlyle?" he said, glanc ing at the volume.

Marcia answered, frankly: 'Yes: I like his writings very much.' Her companion looked at her a little

surprised. "I do not know many young ladies

who read Carlyle for pleasure. And what other authors do you like?" "I like Ruskin, next to Carlyle; but I

'Modern Painters' and one or two others,' answered Marcia, quickly, The young lawyer smiled a little at the odd choice of favorites—the authors so

utterly unlike. He hesitated a moment then said: "I have all Ruskin's works in my library. May I bring you some of them to

read? Marcia looked up quickly, her shyne gone for the moment. "Oh! Mr. Ashton, would you be so kind!

You don't know how grateful I should be It is like seeing beautiful pictures, or hearing sweet music, to read Ruskin." The walk passed pleasantly, and as they ened rapidly, for Mrs. Austin's knitting neared Widow Austin's house, he said:

"Are you going to the pic-nic on Thurs day, Miss Wheeler?" "No," answered Marcia, the happy light fading out of her eyes; and her companion, quick to observe the change, said

"May I ask why?" "Aunt Austin is going to be very busy

on that day, and I must help her." "Is the work of such importance that cannot be put off for a day?"

"Yes-no; that is, aunt does me to go," said poor Marcia.

away, the numerous frills were carefully sent?" asked the young city gentleman, looking at the rose-hued cheeks, with a world of admiration in his great dark

THE MICHIGAN FARMER.

everything in readiness for her delicate

cousin. She it was who brushed and band-

ed the helpless Jane's fair hair, and fast-

ened the dainty knot of blue ribbon there-

Mr. Ashton would go to the pic-nic.

After Miss Austin had safely started, in

company with her escort, the young doctor

from Riverton, Mrs. Austin brought all

carpet-rag question. Numerous-I had al-

most said numberless-skeins were hang-

ing in the old garret; some to be dyed

kettle, to scald or boil, as the

them in strong soapsuds or clear water,

whichever her aunt ordered. Her head

sched badly but Mrs. Austin did not be

lieve in headaches (her head never ached)

About three o'clock in the afternoon

however Marcia's strength failed, and she

tottered, and so nearly fell to the floor

that Mrs. Ashton showed the innate kind

ness of her heart, by exclaiming: "I

want to know if you ain't beat out?

"My head aches dreadfully, but I think

it is the green dye that makes me so faint.

May I go out of doors for a little while?"

"I suppose you'll have to if you are go-

ing to look like that," answered motherly

Mrs. Austin; adding. "Maybe you'll

meet Mr. Ashton again, if you walk to-

The poor child's face flushed at the un-

"I am not going towards Riverton at

"Well, I don't care which way you go,

So Marcia threw an old shawl around

her slender shoulders, took down the heavy

coil of hair to ease her throbbing head

"After all, I am going to have a pic-nic

in the woods, all to myself, too," she

thought, bitterly. "I can do as I used to

when I was a little girl, make believe I am

rich, and beautiful, and happy. Oh, dear

She felt an odd sense of suffocation in

her throat; and when she reached the

friendly shelter of the trees, she leaned

Roland Ashton did not go to the pic-

had decided to shorten the distance he-

tween his home and Riverton by crossing

the fields; and Mrs. Austin's orchard was

first fallen leaves, and looking up, saw

the dark eyes looking down upon her,

with grave and tender interest. She drew

her shawl closer around her, and was

"Sit down on this old log for a few

minutes," he said, gently, "till you are a

Poor tired Marcia, her strength seemed

Roland Ashton would have given much

to have sheltered her in his loving arms.

but of course that was impossible; so he

stood near looking fondly on the fair

young head bent down before bim, wait-

ing for her to speak. It was some time

before she did so, and then it was with

"I do not know what you will think

of me, Mr. Ashton, but I thought no one

was near, and I am tired, and my head

Roland Ashton sat down on the mor

covered log beside her, thinking to him-

"Now is my time, if ever, for that old

aunt guards her as the dragon guarded

the apples of the Hesperides. I would

have spoken the other day when we were

alone, but I feared to frighten her. Yet

aches, and-I-cannot help crying."

to have deserted her, and she sat down.

stretched forth a detaining hand:

oh, dear! how wretched I am!"

sobbed aloud.

o himself.

could not speak.

little rested."

evident effort:

and walked slowly towards the woods.

kind taunt; but she answered, slowly."

all. I am going up to the orchard."

wards Riverton."

of the hot soapsuds."

hate rag carpets!"

Jane.

"I should like to go, Mr. Ashton, but am sure aunt will not-cannot spare me, mean. I haven't been on the lake since was a little girl."

As he opened the gate for her, he said, laughingly: "Are you not going to invite me in, so that I may try my powers of persuasion with your aunt, Miss Wheel-

Marcia stopped a moment, blushing painfully.

"I would rather you did not say any thing to Aunt Austin about the pic-nic, Mr. Ashton. I am sure I cannot go. Good night." And she went swiftly toward the porch.

Roland Ashton closed the gate with a strange, new feeling in his heart. "Poor little girl," he thought, "she dare not ask me to come in. What a lovely face, and the powers of her mind to bear on the what a sweet voice! I am more in love with her than ever. My old nurse used to say that the Ashtons were a wonderful set for having their own way, and I mean to have my way in regard to taking her to the pic-nic. The old aunt must be hardhearted indeed if she resists my entreat-

The next morning Mr. Ashton selected 'The Stones of Venice," and wended his way to Mrs. Austin's, hoping, as he lifted it. I do not think, if she lives to be a the old-fashioned knocker, that Marcia would open the door herself. But Mrs. Austin stood before him instead, and to "So much the better, then," retorted his morning greeting and inquiry, "Is Miss Wheeler at home?" responded, frigid. ly, "My niece is at home, out in the kitchen, cooking;" at the same time neither in viting him to enter, nor standing aside

But Roland Austin was too much a man of the world not to feel at ease in the lady's presence, and he answered, pleasantly:

"Thank you, Mrs. Austin; I shall be pleased to see Miss Wheeler a few minutes. She was afraid yesterday that she would not be able to go to the pic-nic on Thursday. I think she said you expected to be very busy-"

"If Marcia told you she couldn't go to the pic-nic, she told the truth. I've got work for her to do at home, and she'll What's the matter with you?" stay and do it!" answered Mrs. Austin, more icily than before.

This was too decided even for a lawyer to think of arguing against; and, feeling the pic-nic disposed of, he went on as pleasantly as before, though his dark eyes flashed and his lips tightened a little under the heavy, black moustache:

"Then I will speak to Miss Wheeler, i you please, to express my regrets, and give her the books I promised to bring.

Mrs. Austin turned and walked through the hall to the kitchen door, and opening it, exclaimed with polite emphasis, "Miss Wheeler, here's a gentleman wants to see you," at the same time standing aside for him to enter the kitchen.

Marcia was standing before the table. busily working eggs and sugar together, preparatory to forming the loaves of gold en sponge cake that were to accompany Miss Austin to the pic-nic on the morrow Miss Austin was also present in the kitchgave a little cry of dismay as a large dog crimping the frills Marcia had ironed the day before. This was the nearest approach to work the young lady was ever guilty of.

If Roland Ashton had thought Marcia beautiful before, he thought her doubly so now, with the rippling masses of palebrown hair gathered in a knot low down on her white neck, the slender figure clad nic; and it so happened that afternoon he in the dark-brown print dress which Mrs. Austin considered a proper morning costume, the sleeves rolled high above the elbows, displaying the round, white arms. And what pretty arms they were!-so smooth, so white, with the blue veins howing so clearly.

"I will win that girl yet," he said to himself, "in spite of the old ogre of an aunt."

A vivid blush rose even to Marcia's white forehead as she saw who the visitor was, and she gave a quick, frightened ook at her aunt before she returned his

'Good-morning." The young man saw plainly that it was not the time for him to make a formal call, and he laid the books on the table near her, after bowing politely to Miss

Austin, and said: "I came in to give you the books l spoke of, and to say how sorry I am that her self-command was all gone; her lips you cannot accompany me to the pic-nic. The young lady did not seem to notice

the latter part of the sentence; but answer ed, quickly. "Thank you very much for bringing

hem. Mr. Ashton.' "I was very glad to do so," was Mr. Ashton's reply: "and I hope you will enov reading them."

Then, with a low bow to each of the

three ladies, he left the house. Mrs. Austin's knitting-needles clicked viciously; and when the sound of retreathave not read many of his works-only ling footsteps died away, she turned to her

niece. "That's a dreadful polite gentleman ain't he? I should like to know how you got to be so well acquainted with him." Marcia made no answer, so her kind elative went on:

"Do you hear me, Marcia Wheeler?" "I am not very well acquainted with Mr. Ashton. I saw him last night on my way home from Riverton, and he offer ed to lend me the books."

"And he asked you to go to the pic-nic too, didn't he? Well, I never saw such goings on in my young days," continued Mrs. Austin, while the gray sock lengthwas like her temper—very quick.

Long before night Marcia wished that Mr. Ashton had been anywhere, except on the way from Riverton, the preceding evening. She went to bed, worn out with the continued fault-finding, added to phyical weariness. The next morning was bright and clear

-the very day for a pic nic. Marcia's first thoughts on awakening were far from pleasant. Why was it thus? Why could ot she go as well as Jane? It was not fair nor right. She was younger than Jane, and she had so few pleasures. What vain to meet you. You rarely go out with of our own country. Our tricky divorce "Would you go with me if Mrs. Austin could be prevailed upon to give her con- winding road that encircled the foot of the must seize my opportunity, even if I seem of our own country. Our tricky divorce unpleasant features of the diamond diggings. As usual, filthy lucre is at the bottom of all mischief.—N. Y. Herald.

from the first.

from her slavery."

grand old mountain, to the little lake, to speak on too short acquaintance. For- laid before the families of the couple, resting like a gem among the hills beyond. give me, and place it to the account of with the intermediary spoken of, as ar-Her first care, however, was to have my love."

Marcia covered her face with her hands. "Oh! no, no," she cried; "it would be wicked. Think what I am. I have nothing in common with the ladies you-Roland Ashton intercepted her. "If that is all you have to say, we will

n; helped to arrange the dress of paleblue delaine the young lady had selected imagine it said and answered." And he for the warm October day. Her hands, also, packed the luncheon-basket, and premanaged to obtain possession of the restless little hands and held them fast in his pared early breakfast for her cousin. All own, while he went on, quietly: "If you this she did with a choking sense of incan raise your thoughtful eyes to mine justice. She said to herself, over and over again: "It is not fair; I ought to be al- and say these words, 'I cannot be your wed to go. And to think it's carpet-rags wife, Roland Ashton, because I can never love you,' I will take that for an answer, hat I shall have to toil over, of all things! and go away, and leave you. Can you In the midst of it all, she wondered if say them?"

The girl raised her eyes once, twice, to the face so near her own, and tried to speak; but no sounds came from her lips. The young man, still looking at the shy, sweet face, said once more, with infinite tenderness in his voice:

"Can you say those words, Marcia?" Poor lonely girl! she looked at him, and yellow, some blue, some green, and others shook her head.

bark and tan colors. She had decided on A grave smile dawned on his face. Then you shall be my wife!" he cried. coloring enough for thirty yards of carpeting on this glorious autumn day, and of masterfully, and did the only thing poscourse Marcia must help. The girl had sible for him to do-took the little figure. got her living to earn, and it wouldn't do in the shabby print dress, in his arms, and for her to think she must be treated like drew her close to him, whispering sweet words of love and comfort while he softly So Marcia obediently obeyed her aunt's stroked the beautiful hair, and pressed directions. She dipped great skeins of rags kiss after kiss on the white eyelids, the in warm water; she wrung them out and cheeks, so brightly flushed now, and the placed them in the huge brass quivering little lips.

And Marcia-she who had thought a different cases required; and she washed bitterly, a little while ago, of the old childish play of "making believe" she was and so the tiresome work went on. The fect trust, she rested in her lover's arms, board fence at the back of the orchard without a shadow to mar her perfect happiness, till the thought of Aunt Austin showed dozens of skeins of many-colored came to her, and she started up, exclaimrags, and still there were dozens more to

"I must go home. Aunt will be so angry." It was of no use to try and detain her

after that; and as the young man folded the worn gray shawl around her, he said: "You are my promised now," stopping

to emphasize the short sentence, after the manner of lovers; "and I am going home with you to tell Aunt Austin." And he laughed a little at the thought of his future relative.

"Why need you tell her to-night?" asked Marcia, frightened at the very thought of such a thing. "You have no idea how angry she will be, and she will instructors, that they stand side by side but when the formula was fully perfected, talk dreadfully to me."

when we reach the house, I want you to go upstairs to your own room, and let me only put a shawl around you, or you'll speak with her alone, will you?" "Yes, indeed," answered Marcia, quickcatch cold, after washing those rags out

"No, she will not, my darling; for

ly. "I shall be only too glad to be out of hearing." Marcia never knew what passed between her aunt and her lover on that mem-

orable evening; but half an hour after her return to the house, she heard her aunt's shrill voice at the foot of the stairs. calling: " Marcia!"

When she answered, the elder lady ouchsafed to say: "Come down, now. Mr. Ashton wants ceived their guests of the desert with

say good night to you." Marcia thought her lover looked a little in their honor. At this the utmost splenagainst one of the old mossy truiks, and pale in the early twilight; but as he placed dor was unfolded in order to dazzle their his arm around her in the shady porch, he eyes and captivate their simple minds. tenderly: "Our marriage will take place one

month from to-day, my darling. Your aunt has given her consent, and I foresee we are to be the best of friends." "Was she angry?" whispered Marcia.

in his direct line of march. So, he saw "I think she was a little upset at first. the childish figure in the old gray shawl, but it is all over now. I am sorry I must with the beautiful hair falling loosely say good-night to you so soon: but I swe crept over them as they saw the mysaround the little shoulders, and heard the promised to be at Riverton by six o'clock, heavy sobs. It touched his heart inexand it is past that time already. pressibly. "Poor, poor child!" he said Good-night, Mr. Ashton. "I must stop long enough, however, Marcia heard the slight rustle in the

> to teach you to say good-night to me properly," he said, in a very sober tone. You must try again now, and see if you cannot do better." The girl understood in a moment, and

moving by him without a word, when he half-smile flitted across the downcast. blushing face, as the sweet voice said, " Excuse me, Miss Wheeler, but do not very softly: go away now. Are you ill? You look so

'Good-night, Roland." The strong arm tightened around her, She made an effort to answer him him and with a hurried embrace, and a "Goodnight, my own darling!" her lover parted trembled like a grieved child's, and she

> Of all the happy days Marcia Ashton treasures in her memory, there is not one so brightly prized as that beautiful October day, so sorrowfully begun, so happily ended—The Day of the Pic-nic.—Farmers'

#### The Japanese.

Dr. D. B. Sommons, who has lived in Japan 25 years, writing to the New York Mail and Express, says: Japan was well advanced in civilization

when her ports were opened to the world, and her customs and institutions were not only worthy of study but in many cases of imitation by nations who looked on her seemingly from a vantage ground of Christianity and culture. On no point has there been greater misunderstanding than in regard to the family and its relations. Polygamy never existed. Concubinage, which was formerly recognized. was confined mostly to the princes and nobles, for the avowed purpose of securing perpetuity to the family in the male line.

if I let this chance slip, I may never get one again. Poor, dear girl! If she will Early betrothals have never been as only listen to me—only let me free her general in Japan as in other Eastern countries and they are now decreasing Here he gradually approached the sub- yearly. Marriages are arranged by the ject nearest to his heart. With what respective parents assisted by a man and tact, and feeling, and earnestness he spoke his wife (mutual friends of the families) at last need not be told. Suffice it to say as an intermediary. Contrary to the usuthat he asked Marcia to be his wife, tell- al notion on this subject, the wishes of ing her how he had been attracted to her the young people are generally consulted. The statement sometimes made that the "I used to laugh at love at first sight." wife in Japan is a mere chattel to be he said; "but I do so no longer; for, from lightly acquired or disposed of is absothe hour I saw you in church, I felt that lutely false. Divorces among the better you, and you alone, could make me hap- classes are scarcely more frequent or more py. I see I startle you. But I seek in frequently sought for than in many parts

bitrators, and neither the man nor the woman can be released from the marriage vow without their concurrence.

As divorce must result in the sending of the wife back to the father for support, separations, except for a grave and suffi cient reason, are not easily obtained. The position of a wife, and especially of a mother, in Japan is all that a true woman on special occasions, for women to mingle socially with men who are not of their own family by blood or marriage. This restriction is not imposed by the legal lord alone, it is a part of the family organization and by the family imposed for the promotion of morality and good order in ociety. Nothing can exceed the beauty and harmony of the Japanese home. Disrespect and disobedience to parents are rare, and we have often been compelled with that of our own, much to our morti

seem disposed to emigrate; nor do any considerable number seek other than temporary employment outside of their own country. There are in the United States | vertised and sold in bulk, as when doled west of the Rocky Mountains a few more out to patients at enormous expense by than ahundred Japanese. Of these, over their physicians. half are government officials and their families, students and heads of mercantile houses, nearly all belonging to the families of the old feudal aristocracy. Many preparation where is the vaunted excluof those employed as salesmen in the sive skill of the medical profession! Japanese shops are also descendants of these families. It may have been observbeautiful, and rich, and happy—was she Chinese in this country; but it being once more American (April 25) says that not all these, and much more? Was she known that the Chinese here are exclusivenot beloved? In her innocence and per- ly from the lower classes, except in the after year widening its circle of believers,

Concerning the morals of the women or spent 15 minutes in the presence of a pretensions higher than a kite. Japanese lady. Japan has provided a university which compares favorably with professional power over "incurable dismany in our own country in breadth and eases." That "simple vegetable preparascope, and every day sees a step in ad- tion" now everywhere known as Warner's vance of the old position, along the lines safe cure, was once an authorized remedy; on which Europe and America are march- was pronounced a "god send" to the ing towards sound scholarship. The medical profession for the cure of kidney young Japanese who are pursuing their studies here are studious, attentive and ity, spring feebleness, female irregularisuccessful. It is the testimony of their ties, etc., by many leading physicians, with our young men and in some instances outstrip them, and this is done under the disadvantage of study and recitation in a new language. Within a fession turned upon it and let their pamonth a Japanese, Dr. Yokura, won both | tients die rather than to use it! medals in a class of 32 members, in the Veterinary College in this city—the first but it is on a level with all the rules and prize for scholarship and the first for the

#### How a Treaty was Made.

During the French conquest of Algeria negotiations for peace were entered upon the fight. with the sheik of certain Arab tribes and a meeting for the settlement of terms was arranged to take place at the French headquarters. The French officers re great hospitality, and a banquet was given t its cond large hall was proposed. Here M. Houdin the celebrated conjurer, who accompanied the French forces, was to give them an exhibition of his skill, which to them seemed supernatural. They stared in open-mouthed wonder at all the tricks soaked in several waters to get the dirt off that were performed, and a feeling of from them. Then the nails and threads terious appearings and disappearings of into a fine pulp and is ready to use. various objects. But the greatest marvel Haven't you seen the embossed leather to them was the apparent manufacture of paperings which have come into fashion cannon balls. The conjurer passed around among them a high hat. This they examined very carefully, but without being able to discover anything unus ual in either its make or appearance, When it was returned to him M. Houdin placed it on the floor in the middle of the stage in full view of his audience. He then proceeded to take from that hat cannon balls apparently without number, and rolled them across the floor into the wings. This terminated the performance The chiefs consulted among themselves and came to the conclusion that it was useless to oppose an army that could turn out its ammunition in so easy a manner They therefore signed the required treaty and departed to tell their friends in the desert of the wonderful power of the inaders.—Harper's Magazine. African Diamond Thieves.

#### Formerly, in South Africa, diamond could be had by merely scratching the soil:

now deep and dangerous excavation have to be made in search of the gems. Great quarries one hundred to two hundred vards across and three hundred to four hundred feet deep, are now in full working operation for the further discovery of the valuable stones. Even in busy Kimberley, things are not nearly as bright as they used to be. The additional outlay of capital required in digging for the diamonds does not bring additional revenue, as since the discovery of the ex tensive diamond fields at the Cape the all round price of diamonds per carathas fal len from £3 to 15s. The successful thiev ing of the gems that is continually carried on also helps to make away with a considerable portion of the owner's profits. It is thought that £500,000 worth of stolen diamonds leaves the colony annually The ingenuity exhibited in smuggling the stones is worthy of a better cause. Swallowing the stones is quite common, and a one time the thief threw them wrapped in dough to dogs, which were killed and cut open by his confederates outside. Hiding them about the dress and pitching them away to be picked up at night are among the other means. All the efforts to stop the filching have proven quite ineffectual, and the low state of morality induced by the perpetual thieving is one of the most

#### IS IT POSSIBLE!

Report comes that General Grant's improved condition is due to the fact that he is using a "simple vegetable preparation" forwarded by one of our consuls from South America, and sent him by the Surgeon General! Is this possible! By an "unauthorized" remedy? Shocking!

And yet, if this "simple vegetable preparation" were owned and advertised by can desire. It is not the custom, except any one as a specific for this terrible disease, certainly the Surgeon General would not commend it, nor would bigoted physicians prescribe it!

Nevertheless, it is a fact that many of the best proprietary medicines of the day, as the late Dr. J. G. Holland stated in Scribner's Monthly, were more successful than many physicians, and most of them, it should be remembered, were at first discovered or used in actual medical practice. When, however, any shrewd persons, to contrast the family discipline of Japan knowing of their virtue and foreseeing their popularity, secured and advertised them, then, in the opinion of the bigoted, The Japanese, like the French, do not all virtue went out of them! Isn't this absurd!

We believe that a remedy, if properly made, is just as effective when put up, ad-Why not?

If General Grant is getting better through a simple unauthorized vegetable

Apropos of the suspension of some very prominent members by the Medical and ed that the Japanese show irritation and Chirugical faculty of Maryland, for enannoyance at their being mistaken for dorsing advertised remedies, the Baltiwhen a patent medicine goes on year case of government officials, their resent- it is pretty fair evidence that there is ment of this mistake cannot be wondered | merit in it. The regular doctors may ignore it, and expel any of their members who use it, but when they do so their of Japan, much that has been written and action looks more like envy against a suc. spoken is false. We venture to say that | cessful remedy than a true desire to protect a majority of those who are most severe the public." The failure in the Garfield in their adverse criticism never entered and Grant cases, the American thinks, the house of a Japanese of the better class and properly, has knocked professional

But this is not a singular instance of unand liver disorders, malaria, general debiland the medicine was put up in bulk and advertised so that every sufferer might know of it and treat himself, then the pro-

This is certainly a strange proceeding, regulations of a code which has gone so far as to forbid a physician displaying beyond a certain size his name and profession upon his sign!

But the world moves, and merit wins

#### A New Use for Old Leather.

We have been told that old boots and thoes are converted into Jamaica rum. but another and more legitimate use has been found for them. A foreman in a wall-paper factory discourses thus to the reporter of a New York paper. We buy all the old boots and shoes that the scavengers can bring us. We pay different prices for the different qualities of leather. A pair of fine calfskin boots will bring as high as 15 cents. No, we don't buy cowhide boots. The boots and shoes are first are removed and the leather is ground up lately? And the stamped leather fire screens? They are really nothing but thick paper covered with a laver of this pressed leather pulp. The finer the quality of the leather the better it takes the bronze and old gold and other expensive colors in the designs painted on them. Fashionable people think they are going away back to medieval times when they have the walls of their libraries and dining rooms covered with embossed leather. They don't know that the shoes and boots which their neighbors threw into the ash barrel a month before form the beautiful material on their walls and on the screens which protect their eyes from the fire. We could buy the old shoes cheaper if it were not for the competition from carriage makers and book binders and picture frame makers. I don't know how many other trades usefold shoes and boots, but the tops of carriages are largely made of them ground up and pressed into sheets. Book binders use them in making the cheaper forms of leather bindings, and the new styles of leather frames with leather mats in them are entirely made of the cast-off covering of our feet.

MADSTONES.—The stones mentioned are

about the size of a hen's egg, and are

slightly flattened. They are of buff color,

and are as smooth on the surface as a

marble. They are said to be the forma-

tions found in the bladders of deer, and

only exist in those animals that live in a

high, dry climate, where there is not &

full supply of water and the water drank

is impregnated with limestone. They are

porous and possess strong absorptive

qualities. The stones are applied to

wounds of a poisonous nature, to which

they adhere, and as the virus is drawn

from the flesh the stones turn black. They

are then washed in tepid water or milk,

and as long as they stick to a wound there

is said to be poison in the blood or flesh.

They are used freely in the south, and are

credited with making many remarkable

cures, though doubtless their virtue has

Hood's Sarsaparilla is made only by C. I.

Hood & Co., Apothecaries, Lowell, Mass. It

is prepared with the greatest skill and care,

under the direction of the men who originat-

ed it. Hence Hood's Sarsaparilla may be

depended upon as strictly pure, honest and re-

been greatly exaggerated.

right well in it." leader of the Republicans."

THE BALLET GIRL.

May 26, 188

With complexion like the rose 'Mid the snows,
Due to powder on her nose,

I suppose, She twirls upon her toes In abbreviated clothes And exhibits spangled hose To the beaux. When crael time bestows Adipose, Fairy parts and all those

She outgrows.

And murmuringly goes

To the very hindu To pirouette and pose With the "crows." When life frayed and faded grows, Like her bows, She in garrets sits and sews Furb lows Till her weary eyelids close

In the peace of death's repose Is she reaping what she sows? Heaven knows. -Lippincoi

ABE LINCOLN'S COUSIN.

The Man Who Taught the Martyr Hov Read-A Veteran Kentuckian-A and Very Interesting Story.

Few know that the boyhood partner Lincoln still lives at the age of eighty years in an Illinois town. This man kin to the great liberator, was his ba woods teacher and guide, and kno more of "Honest Abe" than any m alive or dead. His reminiscenses of boy Lincoln never having been publish to my knowledge, will be of interest the readers of the Journal, and wo much to the future historian.

I found him hale and erect, ready to count for the benefits of a younger gen ation the incidents which marked youth of the martyred President. name is Dennis Hanks, and he is a cou to Lincoln. Uncle Dennis, as he is callis a typical Kentuckian, born in Hard County, 1799. His face is sun-bronz and plowed with furrows of time; a r olute mouth, with firm grip of the jay broad forehead above a pair of unwes able eyes. The eyes seem out of place the weary, faded face; they glow a flash like two diamond sparks set ridges of dull gold. The face is a serie one, but the play of light in the eyes, quenched by time, betrays the nature f of sunshine and elate life. A sidew glance at the profile shows a face striking ly Lincoln like, prominent cheek bon temples, nose and chin; but best of that twinkling drollery in the eye th flashed in the White House during dark days of the civil war. To our que he replied cheerily:

"Certainly, certainly, sır, I'll talk you about Abe. I kin talk, too, bein I am the only livin' man that knows about him."

"How old was Mr. Lincoln when y first met him?"

"About twenty-four hours-hard that. I reckilect I run all the way, or two miles, to see Nancy Hanks's h baby. 'Twas common then for conn ion to gather in them days to see n babies. Her name was Nancy Hanks fore she married Thomas Lincoln. I he the wee one a minit. I was ten years o and it tickled me to hold the pulpy, re

little Lincoln." "When did you move to Indiana?" "When Abe was about nine. Mr. L celn moved first, and built a camp brush in Spencer County. We came of a year later, and he then had a cabin u and he gave us the shanty. On this sp

Abe grew to manhood." "How far apart were your cabins?" 'About fifteen rods. Abe killed a to key the day we got there, an' couldn't a through telling about it. The name w pronounced Linkhorn by the folks the We was all uneducated. After a sp

we learned better." "In the 'Life of Lincoln,' publish after his nomination, it is stated that y taught him to read."

"Yes, sır, I did. I taught him to spe read and cipher. He knew his lette pretty wellish, but no more. His moth taught him his letters. If ever there w a good woman on earth she was onetrue Christian of the Baptist Church; b she died soon after we arrived, and le him without a teacher; his father could read a word."

"Is it possible he had no schooling?" "Only about one quarter, scarcely the I then set in to help him; I didn't kno much, but I did the best I could."

'What books did he read first?" "Webster's speller. When I got hi through that I only had a copy of India statutes. Then he got hold (f a book cant reckolect the name, maybe you k if I tell you somethin' et was in it. told a yarn about a fellar, a nigger suthin, that sailed a flatboat up to a roc and the rock was magnetized and draw the nails out of his boat and he got duckin', or drowned, or suthin, I forg

That is the story of Sinbad in t Arabian Nights." 'That's it, that's the book. Abe wou

lay on the floor with a chair under h head and laugh over them 'Rabian Nigh by the hour. I told him it was likely li from end to end, but he learned to re-'Had he any other books?" Yes; I borrowed for him a 'Life Washington' and the 'Speeches of Hen

Clay.' They had a powerful influence him. He told me afterwards in the Wh House he wanted to live like Washingto His speeches show that, but the oth book did the most amazing work. was a Democrat, like his father and all us, when he began to read it. When closed it he was a Whig, heart and so and he went step by step till he becar

I meditated a moment here on the man's story. Was ever anything strange, so suggestive? This rude bad woodsman blindly had turned with heap book the current of the mightilife in modern times. What sandbli creatures we are. How we juggle w destiny. How God uses us with bandag eyes to work out His high behests. Wh Hanks laid that Whig book in that bo hands he builded better than he kne of this we saw the train tearing along to-

wards the junction. Could we reach the

junction, get the switch and the switch be

set back for the express before the latter

got there? If not, there would be an in-

evitable crash, in which not only we but

scores of others would be crushed to

death. All this conjecturing did not oc-

cupy two seconds, but in those two sec-

onds I lived years, 'Good God!' I said to

The fireman promptly replied-and

he was a brave little fellow-that I

should whistle for the switch and

take my chances. I did so. That

whistle was one prolonged yell of

agony. It was a shrick that seemed to

tell us that our brave old engine knew our

danger and had its fears. Neither the

fireman or myself spoke another word.

Thanks be to God. The engineer on the

express train, seeing us tearing down that

mountain with an eighth of a mile of fire

in close pursuit of us, knew in a moment

that only one thing could save us. He whis-

tled for brakes and got his train at a

standstill, not ten feet from the switch.

The switchman now answered our signal,

and we shot on the Shore track and whiz-

zed on by the depot and through the place

like a rocket. The burning cars followed

us in of course, but their race was run.

They had no propelling power now, and

after chasing us for a mile they gave up

pursuit, and in three hours there was

nothing left of them but smoking ruins.

we brought our locomotive to a stop that

horsemen were unconscious in the box-

car. The horses were ruined. And how

Where Beauty Sleeps.

Would you like to see how a New York

belle of millionaireism sleeps? I can

slate-colored silk down at the corners.

On that were only pitcher, bowl, soap

sides the hot air register: a dressing stand

completing a general effect that was ex

putation. Opening out of this room the

young millionairess had another apart-

ment, where she wrote and painted and

"worked." so to speak, but I did not see

A Toper's Shrewdness.

There is a noted ex-philanthropist in

town who has for years had a sad leaning

toward the bottle. He is not one of those

who do not know they are likely to go off

on the spree. He makes up his arrange-

ments, has his spree, sobers up and i

himself again. Nor is his spree one of

those lively ones in which he interests the

public and the police. He is quiet and

retired, and, indeed, he disappears from

public gaze until he has satiated the de-

To this end he had once an arrangement

sire for alcoholic rest.

ping beyond Brocton."

"My fireman and I were so weak when

my fireman, 'what are we to do?'

885.

eral Grant's imo the fact that he ble preparation" ur consuls from him by the Surpossible! By an Shocking! e vegetable prepd advertised by this terrible dison General would

ld bigoted physict that many of icines of the day, olland stated in more successful nd most of them, , were at first dis-medical practice. shrewd persons, and foreseeing d and advertised n of the bigoted. em!

nedy, if properly when put up, adk, as when doled nous expense by

getting better orized vegetable e vaunted excluprofession! sion of some very the Medical and laryland, for enedies, the Balti-1 25) says that ne goes on year ircle of believers. ce that there is lar doctors may of their members

hey do so their ov against a suc. te desire to protect e in the Garfield American thinks ked professional a kite. ar instance of un-"incurable disregetable preparanown as Warner's athorized remedy; od send" to the he cure of kidney ria, general debil-

female irregulariading physicians, as fully perfected, at up in bulk and y sufferer might uself, then the proand let their pause it! range proceeding, all the rules and

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ld Leather. at old boots and to Jamaica rum, legitimate use has A foreman in a ourses thus to the paper. We buy es that the scav-We pay different ualities of leather. oots will bring as re don't buy cowand shoes are first to get the dirt off ails and threads ther is ground up is ready to use. embossed leather ome into fashion ped leather fire ally nothing but h a layer of this he finer the qualtter it takes the

other expensive painted on them. k they are going imes when they raries and diningmbossed leather. shoes and boots, rew into the ash rm the beautiful nd on the screens es from the fire. oes cheaper if it etition from carbinders and picdon't know how shoes and boots, are largely made nd pressed into them in making

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THE BALLET GIRL.

I suppose, She twirls upon her toes

When cruel time bestows

Adipose, Fairy parts and all those

She outgrows.

And murmuringly goes

To pirouette and pose

With the "crows,"

To the very hindmost rows,

Like her bows, she in garrets sits and sews

Furb lows Till her weary eyelids close

In the peace of death's repose.

Is she reaping what she sows?

ABE LINCOLN'S COUSIN.

The Man Who Taught the Martyr How to

and Very Interesting Story.

Read-A Veteran Kentuckian-A New

Lincoln still lives at the age of eighty-six

years in an Illinois town. This man is

kin to the great liberator, was his back-

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alive or dead. His reminiscenses of the

boy Lincoln never having been published

the readers of the Journal, and worth

I found him hale and erect, ready to re-

count for the benefits of a younger gener-

ation the incidents which marked the

youth of the martyred President. His

name is Dennis Hanks, and he is a cousin

to Lincoln. Uncle Dennis, as he is called,

is a typical Kentuckian, born in Hardin

County, 1799. His face is sun-bronzed

and plowed with furrows of time; a res-

olute mouth, with firm grip of the jaws,

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"When did you move to Indiana?"

"How far apart were your cabins?"

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"Yes, sır, I did. I taught him to spell,

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"Is it possible he had no schooling?"

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"Webster's speller. When I got him

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duckin', or drowned, or suthin, I forget

"That is the story of Sinbad in the

"That's it. that's the book. Abe would

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"When Abe was about nine. Mr. Lin-

he replied cheerily:

about him."

first met him?"

much to the future historian.

-Lippincoit's.

When life frayed and faded grows,

In abbreviated clothes And exhibits spargled hose

With complexion like the rose build and baptize with his own blood. Mid the snows,
Due to powder on her nose, one muse hushed in thought. "Will you describe him when a boy?"

only two feet six inches high. He was six feet four and one-half inches when grown-tall, lathy and gangling-not

ponderin' all the while." "Was he active and strong?"

"He was that. I was ten years older, but I couldn't rassle him down. His legs was too long for me to throw him. He it would come. If you heard him fallin' night in Washington." Few know that the boyhood partner of But he never was sassy or quarrelsome, ped. I've seen him walk into a crowd of sawin' peculiarsome about him?"

"What did you teach him to write to my knowledge, will be of interest to with?"

"Sometimes he would write with a stick on the fence or floor. We got a lit tle paper at the country town, and I made ink out of blackberry briar root and a little copperas in it. It was black, but the copperas would eat the paper after awhile. I made his first pen out of a turkey buz zard feather; them's good for pens. We had no geese them days. After he learned to write he was scrawlin' his name everywhere: sometimes he would write it in the white sand down on the crick bank and leave it till the fresh would blot it after I am dead I want you to put in the the weary, faded face; they glow and out."

"Ah. Dennis, that name is written now not in sand; high on the heroic roll in Liberty's proud temple above the names of all save one."

"Did you have any idea of his future reatness?"

" No; it was a new country, and he was a raw boy; rather bright an' likely lad, but dark days of the civil war. To our query the big world seemed far ahead of him. We were all slow goin' folks, but he had it in him, though we never suspected it." you about Abe. I kin talk, too, bein' as "Did he take to books eagerly?"

"No we had to hire him at first. But when he got a taste it was the old story-"How old was Mr. Lincoln when you we had to pull the sow's ears to git her to the trough, and pull her tail to git her away. He read a great deal and had a wonderful memory; wonderful. Never forgot anything.

"What church did Abe attend?" "The Baptist. I'll tell you a circumstance about him. He would come home fore she married Thomas Lincoln. I held from church and put a box in the middle the wee one a minit. I was ten years old,

"Was he a religious man?"

celn moved first, and built a camp of like that, but he wasn't in early life a re. brush in Spencer County. We came out I gious man. He was a moral man, strict- uncoupled the passenger cars and set the looking glass, six feet high, swung on a year later, and he then had a cabin up, and he gave us the shanty. On this spot liquor, never used tobacco, never swore. But in after life he became more religious, but the Bible puzzled him, especially the miracles. He often asked me in the tim-"About fifteen rods. Abe killed a turkey the day we got there, an' couldn't get | ber, or sittin' around the fire-place nights, through telling about it. The name was to explain Scripture. He never joined any church or secret order." pronounced Linkhorn by the folks then. "How did the lad fare for food and clothing?"

"Plenty, such as it was-corn dodger and bacon, and game, some fish and wild fruits. I've often seen him take a dodger to the field and gnaw at it when plowing. We had very little wheat flour. The nearest mill was eighteen miles: a boss mill it was, with a plug pullin' a sweep around, and Abe used to say his hound could stand and eat the flour all day as fast as it was made, and then be ready for his supper. For clothing he had jeans; he was grown before he wore all wool

pants." "Did you move with him to Illinois?" "Yes; I bought a little improvement near him, six miles from Decatur. Here the famous rails were split that were carried around in the campaign. They were called his rails, but nobody can tell about that. I split some of 'em, and we had a rail through that I only had a copy of Indiana statutes. Then he got hold (f a book, I frolic and folks come for miles and helped cant reckolect the name, maybe you kin us split. He was a master hand maulin if I tell you somethin'et was in it. It rails. I heard him say in a speech one day about these rails: 'If I didn't make these I have made many just as good.

Then the crowd yelled." "Were you his crony and companion?" "Yes: I was the only boy in the place, all them years, and we was always togeth-

"Did you ever visit him in Washing"

"Certainly; there were some folks arrested in Charleston, and I, for their folks sake, went on durin' the war to get them free, for it was best. I got there and found the White House surrounded with soldiers. I went up to the door to go in, and a reporter (means porter) stopped me | worked as if she were alive. The night was and said. 'Who do you want to see?' I dark, and the road run through woods, Clay.' They had a powerful influence on said; 'Mr. Lincoln.' He said; You can't deep rock cuts and along high embank him. He told me afterwards in the White see him, it ain't the time of day yet.' I ments. There we were, thundering along House he wanted to live like Washington. said, 'I'll show you if I can't. I hain't at lightning speed, and, only a few paces come here from Illinois for nothin.' He behind us, that flery demon in full purbook did the most amazing work. He grinned and showed me the door of his of-

was a Democrat, like his father and all of fice. Outside was a heap of fellers waitin' us, when he began to read it. When he to get to see the President. I opened the making a flying avalanche 500 feet closed it he was a Whig, heart and soul, door kinder soft, and at the other end of long. The flames leaped into the air neara big room sat Abe at an old desk worth ly 100 feet. Their roar was like some great about six bits. 'Hey!' I hollered, 'you're a cataract. Now and then a tank would pretty President, ain't ye?' He looked up explode with a noise like a cannon, when man's story. Was ever anything so and said, 'Well, Dennis, is that you?' and a column of flame and pitchy smoke made a run and just gethered me. When would rise high above the body of flame woodsman blindly had turned with a I could get able to talk I said, 'I don't and showers of burning oil would be scatwant no offis, Abe.' He said, 'Most of tered about in the woods. The whole life in modern times. What sandblind them do, Dennis, and smiled kinder tired. country was lighted up for miles around. creatures we are. How we juggle with I told my errand, and he said to come up Well, it wasn't long, going at the rate we destiny. How God uses us with bandaged next morning and he would fix it. We made, before the lights of Brocton came eyes to work out His high behests. When talked an hour as friendly as ever about in sight down the valley.

He laid the first stone in the base course his wife. She's dead now, poor soul. I that train 8 on the Lake Shore would be of the structure this boy was destined to knowed they was too highfalutin' down at the junction about the time we would to Mary's for me, so I went to a tavern reach it. Eight was the Cincinnati exup unlearned by this volume? It makes and Abe had an armload of indictments and he said. 'Take these over to Stanton tion would think far enough to open the and he'll fix it.' I said, 'Abe, I don't switch there, connecting the cross-cut "Well, he was at this time not grown, know where the plaguered place is.' So track with the Lake Shore track, and let he called a reporter standin' by and said, 'Take these to Mr. Stanton.' Pretty soon | would be against us, if anything, and Stanton' in a bobtail coat, came in. He much appearance, not handsome, not didn't want to let 'em go; but Abe was of the burning oil-cars. The switch would ugly, but peculiar. This kind of a fellow: kind and made him sign 'em. When be closed now for the express, and our If a man rode up horseback, Abe would Stanton went out I said, 'Abe, if I was as last hope was gone, unless the express was be the first one out, up on the fence ask- big as you are, I would take Stanton over ing questions, till his father would give my knee and spank him.' He laughed ag the express. While we were thinking him a knock side o' the head; then he'd and said, 'It is not easy to keep my go and throw at snowbirds or suthin', but Cabinet all in good humor.' I left an came home, and never saw him again. The next spring he was killed."

"When did you hear of his death?" "The day after he was shot. I couldn't believe it. I went about saying surely it would fling one foot upon my shoulder ain't so. I mind it all like it was yesterand make me swing corners swift, and day. Twenty years, did you say? Twenty his arms so long and strong! My! how he years? it all comes back so plain to-day could chop! His ax would flash and bite A man came to my shop door and said, into a sugar tree or sycamore, and down 'Dennis, Old Abe is dead-murdered last

trees in a clearin' you would say thar was A mist came into the eyes, a pitiful three men at work by the way trees fell. quiver about the mouth, and Dennis stop-

One more question: "Did he get his rowdies, and tell some droll yarn, and rare sense and sterling principles from burst the row all up. It was the same one parent or both?" "Both: his strong when he was a lawyer; all eyes, whenever | will from his father. I'll tell you an in he riz, were on him; thar was a suthin cident. His father used to swear a little and one day his baby girl picked up a foul oath and was brusin' the bitter mor. sel in her sweet mouth, when Nancy called 'Thomas!' and said, 'Listen, huspiece of charcoal or the p'int of a burnt band.' He stopped that habit thar; never swore again. But Abe's kindliness, humor, love of humanity, hatred of slavery, all came from her. I am free to say Abe was a mother's boy,"

So I bade the old man good-bye, pres. sing once more the palsied hand that guided the pen that wrote the Emancipation Proclamation.

A Mad Race for Life.

"I don't expect to live much longer, and papers the story of that ride I had from Prospect to Brocton, 1869."

The speaker was Duff Brown, an old locomotive engineer, who was lying at his home in Portland, this county, dying with consumption. This was several months ago. On the 7th inst. he died. He was nearly 60 years old, and one of the oldest

engineers in the United States. His history of the awful ride is this: "In 1869 I was running a train on the Buffalo, Corry & Erie railroad. The track from Prospect or Marville summit to Brocton junction is so crooked that, while the distance is actually only ten miles, the curves make it by rail fourteen. The grade for the whole distance is over seventy feet to the mile. About 9 o'clock on the night of August 17, 1869, we reached the summit with a train of two passenger cars, six oil cars and a box car. The this young princess of fashion—this eldlatter contained two valuable trotting est child of a manymillionaire. The wall horses and their keepers with them, on paper was pale gold on faint tlate color. their way, I believe, to Chicago. There The gilt bedstead was pushed against a were 50 or 60 passengers in the two square of plaited silk of pale gold with cars. I got the signal from the conductor of the cabin floor, and repeat the sermint to start and pulled out. We had got un. Just such another square of plaited silk from text to doxology. I've heard him do it der considerable headway, when, looking rose to the ceiling above the wash standback I saw that an oil-car in the middle of the train was on fire. I reversed the dish and so on, because water is presumed "Well, he wasn't an infidel or anything engine and whistled for brakes. The con- to invited sewer gas, but all of the ductor and brakeman jumped off. They choicest ware. A great sheet of beveled ly-never went to frolics, never drunk brakes on them and brought them to a brass rods above the floor in one corner stop. Supposing that the brakes on the for the young woman to see her whole at. and the head oil tank, backing so that he could do it, intending to run far enough laden with pretty toilet boxes and bottles: to save the box-car and the locomotive. an ivory clock like a bird-cage, in which As I ran down the hill after the pin had ivory canaries trilled sweetly as each hour been drawn, what was my horror to see | began; easy chairs and a rocking-chair to that the burning cars were following me match the wall paper and furniture: a at a speed that was rapidly increasing. pretty little prie-dieu for the young woman kentry." The men had not succeeded in putting on to say her prayers upon as fashionably as the brakes. I saw that the only thing that possible; and a wealth of little elegancies could be done was to run for it to Broc. ton, and the chances were that we would quisite, dainty and inviting beyond comnever reach there at the speed which we would be obliged to make around those sharp, reverse curves, where we had never run over 20 miles an hour. When I saw the flaming cars-for the whole six it. were on fire by this time-plunging after me and only a few feet away. I pulled the throttle open. The cil cars caught me though, before I got away. They came with full force against the rear of the boxcar, smashing in one end and knocking the horses and their keepers flat on the floor. The heat was almost unendurable, and to do my best I couldn't put more than 30 feet between the pursuing fire and ourselves. By the light from the furnace. as the fireman opened the door to pile in the coal, I caught sight of the face of one of the horsemen, he having crawled up to the grated opening in the end. It was as pale as death, and he begged me for God's with a certain saloon-keeper that, in consake to give her more steam. I was giving her then all the steam she could carry. and the grade itself was sufficient to carry us down at the rate of 50 miles an hour We went so fast that the engine refused

sideration of his enormous custom, he should be honestly dealt with and well taken care of. Under this arrangement he has many blissful hours. But once when he got sober he thought his bill for whisky was rather large. He paid, but to pump. Every time we struck one of those curves, the old girl would run on on the next occasion he was wise enough when a bottle was opened to carefully almost one set of wheels, and why in the conceal the cork in his pocket. It was world she did not topple over is something rather a protracted bout, and when the I cannot understand. She seemed to know dawn of sobriety broke and he looked at that it was a race for life or death, and his bill he found his suspicions were correct touching the amount of it. "This bill ain't right. I haven't had all this whisky."

"I swear it," solemnly said the saloonkeeper, raising a beer glass toward heaven. "It's a lie. Look here," and he pulled suit. There were 50,000 gallons of oil in out a pocketful of corks] and counted daughters over there on the sofa; they have half them and knocked the saloon-keeper out a million between them." It was not until those tanks and it was all in flames, of time. - Boston Traveller.

> How innocently unfortunate is the frankness of childhood. Young Orotund Delsarte, the dramatic reader, was taking tea, on invitation with the family, and in the evening favored the guests with a few of his most startling recitations. He was approached by the midget of the family, a fairy in looks, but with an early development in speech. "Now, I know why you talk so loud when you speak pieces," she said to him. "And why, my dear?" with a little patronizing stroke of the golden hair.

A FULTON street car, laden with matinee What would history be now had he grown and put up; Next moraing I went up, press. Our only hope all along the race up unlearned by this volume? It makes and Abe had an armload of indictments had been that the switchman at the juncture. had been that the switchman at the juncday. The driver put the brake on with all the vehemence of his nature. The conductor, who stood on the rear platform, and who was busily engaged in picking his teeth, suddenly us run in on the latter, where the grade had business at the front door, and a gentleman, who occupied a position near that point, where we would soon get out of the way trod on fourteen distinct and individual corns and received as many blessings.

"What's the matter?" twittered a young lady, who had evidently been looking through late, or some one had sense enough to a crack in a flour barrel.

Her companion wore a peaked-roof hat and "I cawn't say. Hope we won't be late. There's something the matter with the horse's

This was a fact. The animal had broken through its "Dutch collar," and a long delay seemed inevitable. "How horrid!" ejaculated the girl who had

neglected to take a last look at the mirror What did you say had happened?" "I think the horse," she whispered confidingly, "I think the horse has bursted its corsets."- World .

A LESSON IN WORLDY PHILOSOPHY .- "Did you ever notice," inquired a stock drover, "the close resemblance between a carload of steers and the human race? You say you

can't?" "Well, I can. I've been shipping cattle for thirty years, and I've often thought of it. You see it is the business of the steers to hold each see it is the business of the steers to hold each other up—a kind of mutual help association as it were. That's the way men ought to be. But the critters hook and crowd so that the first enough contract for one man!" thing you know one of them is down. Just like the human race. And after they get one down do they growd to one side and give him a chance to get up? No sir-ee! They just proceed to walk on him and trample him into ausage. That's just the way with human nature."-Chicago Herald.

A SAN ANTONIO darkey was on trial for stealing money from a house on Soledad street. Julian Van Slyck, the attorney for the prisoner, in his address to the jury, said: "Gentleman, my client is a poor man. He was driven by hunger and want to take the small sum of noney. All that he wanted was sufficient money to buy bread, for it is in evidence that he did not take the pocketbook containing \$300 we could not get out of our cab. The two that was in the same bureau drawer. If he was a professional thief he would have certainle taken the nocket book." The eloquent atlong did you think we were making that torney was interrupted by the convulsive sobs of his client. "Why do you weep?" asked 16 miles? We ran two miles up the Lake Shore track. Just 12 minutes, from the Judge Noonan, who was on the bench. "Because I didn't see dat ar pocketbook in de summit to the spot where we stopped! A buro draur," was the reply. Everybody laughplumb 80 miles an hour, not counting the ed except Van Slyck, the attorney for the detime lost getting under headway and stop-

ANOTHER NATURAL MISTAKE .- " What a playful lamb!" exclaimed a city man as he watched an old ram trying to batter down a stone wall. "I did not know they were so full of fun." gratify you so far as to describe, with

"Fun!" echoed the farmer, satirically. "He's literal exactness, the bedroom of a young mad, he is, and besides, he aint no lamb, he's a woman whose name is printed as often as anybody's in the society reports. I never "Dear me! I thought it was a spring

saw a more beautiful, cosy, in every way lamb!" delightful place than the sleeping-room of "Guess he'd better change butchers," mused the farmer, as he moved off.

> "Mamma, what is this? ' asked a little girl bringing a pretty illuminated card to her "It is a calender, my child," answered the

mother.
"And what is a calender, mamma?" "It is something by which we tell the time of the year, or month, or week." The child turned it over carefully for

ninute or two. "I say, mamma, she inquired, anxiously where do they wind it up?"

Press (Autroprover is one of the most rescal ly negroes in Galveston. He was caught stealing poultry and brought up before the Justice. "The evidence," said the Judge, shows that you stole the chickens from Captain Jones' hen coop, and the fine should be \$5, but I'll let you off this time." "Who wants ter be let off," exclaimed the prisoner; I steals chickens, and pays my fine, and don't ask nuffin of nobody. Dis here mixing up sentiment and bizness am what's ruinin' de

HAVING A CLEAR UNDERSTANDING .-'Now," said the bridegroom to the bride when they returned from the honeymoon trip, 'let us have a clear understanding before we settle down to married life; are you to be president or vice-president of this concern?" "I want to be neither president or vice president," she answered, "I will be content

with a subordinate position." What is that?"

"Controller of the currency."

KNEW IT ALREADY. - Reproachful mother to her five year old delinquent-"Now, Mary, when you say your prayers to-night, you mus tell God of that naughty thing you said to

mamma to-day." Mutinous five year old—"No, I needn't." Mamma, taken aback-"No you needn't!

Why not?" Five year old, triumphantly-" No use. He heard it." Tableau.

An exchange says the following dialogue actually occurred between two ministers re cently: Rev. Mr. A., who drove two horses, met Rev. Mr. R., who drove one horse attached to a buggy. Mr. B .- "Brother A., how does it happen that you need two horses? Brother C., of the Methodist Church, has only one horse,

one-horse preacher." "You ought to have your baby baptized, 'Rastus," said a member of the church to olored father.

and I have only one. Why do you need two

horses?" Brother A .- "Because I am not

"Yes, sah, but I can't afford de cost." "It doesn't cost anything."
"I know it doesn't cost nuthin' fo' de mere

act of baptism, sah, but yo' see I owe de minister \$2 for perfo'min' de weddin' cer'mony a year ago, an' he mought object, sah, to baptizin' a baby that hadn't never been paid fo'."

"Yes," said Mrs. Catchem, " those are my after they were married to those daughters, that the two young men who overheard the emark found out that Mrs Catchem referred to the rich old codger who sat on the sofa be. tween the girls. Mrs. Catchem couldn't tell a fib, but she knew how to speak the truth advantageously.

Boy-"Please, sir, Tommy Johnson has made me make a blot." School board teacher "Then Tommy Johnson wont go home to his dinner to-day." Tommy said afterwards, when the teacher had gone away: "I'spose Hanks laid that Whig book in that boy's hands he builded better than he knew. I talked an hour as friendly as ever about in sight down the valley.

It is night between the golden hair. If the patronizing stroke of the golden hair. If the patronizing st Chaff.

Energy and a boy digging fish bait both mear about the same thing. Latin is a "dead language"—especially when an inexperienced drug clerk fools with

We frequently hear the expression, "bee in a bonnet." Whoever saw a bonnet without a B in it.

The birthday of the man who invented the waste-basket will never be celebrated by spring poets.

Bismark believes in bald-headed men. It is a matter of tradition that bald-headed men always go to the front. A jeweler advertises that he has some pre-clous stones for disposal; addding that "they sparkle like the tears of a young widow."

Boston people never purchase ink. They simply request the stationer to supply them with "a modicum of the dark possibility of bright ideas."

"If a man could only catch fish as easily as he can lie about it!" laments a Texas editor. He could if he only understood fishing as well as he does lying.

An exchange speaks of "the hotel of the future." Well, if they have hotels there, it strikes us that there will be a lively demand for five excesses. for fire escapes.

Some ladies once discussing what constituted the most beautiful hand, one of them said gently that it was the hand that gives—the hand of charity.

First Plumber—"Whew! This is hot. But say, winter did everlastingly hang on." Second Plumber—"Yes; must have been working by the day." working by the day."

"How did you manage to cultivate such a beautiful black eye?" asked Brown. "O," replied Fogg, who had been practicing upon roller-skates, "I raised it from a slip.

Crœsus Beckworthy, Sr., (to Mr. Ruskin de Vere, Art Critic)—"Now, that's what I call a fine picture; shows remarkable talent. My daughter painted that, sir, and I wouldn't take \$200 for it. Why, the paint alone cost a hundred and fifty."

"You did not dare to speak to me in that manner before I married, you, sir." she indignantly exclaimed. "No, nor you didn't dare come cavorting around me in curl papers and ragged carpet slips before I married you, num!" he retorted. Then she cried and he

NEW ADVERTISEMENTS.

WHAT WILL convince you of the wonderful curative properties combined in HOOD'S SARSAFARILLA, if the remarkable cures that have been effected by its use fail to impress upon your mind this repeatedly proven fact? Thousands are using it, and all declare that all declare that tit is a medicine possesseven more than we claim for it. My friend, if you are sick or in that condition that you cannot call yourself either sick or well, go and get a bottle of Hoon's SARSAPARILLA, and realize yourself how this medicine CONVINCE hits the right CONVINCE

all the machinery of your body into working From the Registrar of Deeds for Middlesex

County, Northern District. MESSRS. C. I. HOOD & CO.: Gentlemen—
It affords me much pleasure to recommend
HOOD'S SARSAFARILLA. My health has
been such that for some years past I have
been obliged to take a tonic of some kind in
the spring, and have never found anything the spring, and have never found anything that hit my wants as your Sarsaparilla. It tones up my system, purifies my blood, sharpens my appetite, and seems to make me over. Respectfully yours,

J. P. THOMPSON.

One of our prominent business men said to us the other day: "In the spring my wife got all run down and could not eat an passing your store I saw a pile of Hoop's SARSAPARILLA in the window, and I got a bottle. After she had been taking it a week she had a rousing appetite, and it did her everything. She took three bottles, and it was the best three dollars I ever invested."

Hood's Sarsaparilla. Sold by all druggists. Price \$1 a bottle, or six bottles for \$5. C. I. HOOD & CO., Apothecaries, Lowell, Mass.

# Ladies of Michigan!

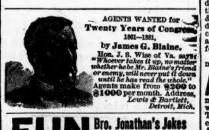
REMEMBER 4 FACTS:

1st—It is positively proven that Zoa-Phora. ("Woman's Friend") is the best known remedy for all complaints peculiar to Women, young or old.

2d-"Procrastination is a thief." Any Lady needing such a remedy and postponing the use of Zoa-Phora, makes a

3d—Sold by Every Druggist in Michigan.

4th—Every Woman, sickly or healthy, should read "Advice to Mothers concerning Diseases of Women and Children." Free to any Lady reader of this paper. Postage in sealed envelope, 10 cents.



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FOR CLEANSING THE SKIN and Scalp of Birth Humors, for allaying itching, Burning and Inflammation, for curing the first symptoms of Eczems, Psoriasis, Milk Crust, Scald Head, Scrofuls, and other inherited skin and b'ood diseases. Curtouse, at, the great skin Cure, and Curioura Soar, an exquisite Skin Beautifier, externally, and Curioura Resolvent, the new Blood Purifier, internally, are infallible. Absolutely pures. Sold everywhere. Price, Curioura. Soc; Soar, 25c; Resolvent, Sl. Potter Drug & Chemioal Co., Bostons.

A T a session of the Circuit Court for the County ty of Wayne in Chancery convened and held at the Circuit Court room in the City of Detreit, on the twenty-ninth day of April, in the year one thousand eight hundred and eighty-five. Present, Jno J. Speed, Circuit Juage.

Emma L. McIsac, Complainant, vs. Harold McIsac, Defendant. In this cause it appearing by affidavit herein filed that the defendant Hareld McIsac, is not a resident of the State of Michigan, and is a resident of the State of California. Ommotion of Atkinson & Atkinson, Solicitors frecomplainant it is ordered that the defendant Harold McIsaca appear in this cause and answer the complaint fileu therein en or before August 29th, 1885.

JOHN J. SPEED, mil-7t

"How is it," asked the landlady, "that you never complain of anything but the butter, Mr. Jones?" Mr. Jones." Well, that is a big enough contract for one man!"

"My dear, we don't want water to run a windmill," said Mr. Faunce this morning, when a page placed a glass of water in front of him, previous to his beginning a speech.

Spreading tar on the front gate of a Russian girl's residence is said to be the greatest insult that can be offered to her. The inference is that she can't catch a beau by any other means.

Dr. Johnson's famous motto for the tobacco merchant, Quid Rides, has been equaled, if not excelled, by that of a western timber merchant, who emblazoned his coat-of-arms with the word Vid!—I saw.

Russia.—"Look here, John Bull, are you going tofight!" England.—"Perhaps." Russia.—"Well, why don't you make up your mind?" England.—"What's the hurry?" Russia.—"That's so."

Pompous physician (to patient's wife).—"Why did you delay sending for me until he was out of his mind?" Wife.—"O, doctor! while he was in his right mind, he would not let me send for you."

On the fifth day of October, 1887, Mary Any Lores are session of the Superior Court of Detroit in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and held at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and held at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and held at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and held at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and held at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and elgh tunded at the court room in the City of Detroit. on the fourth day of May, in the year one thousand eight numbered and elgh tunded at the court room in the City of Detroit. on the four

Judge of the Superior Court of Detroit.

On the fifth day of October, 1887, Mary Ann Hudson executed and delivered to Charles B. Hebbard a mortgage (duly stamped and sealed) on that certain piece or parcel of land situate, lying and being in the city of Detroit, Wayne County, Michigan, known and described as the east half of lot number (87) eighty-seven of the subdivision of the Riopelle farm (so called) according to the plat thereof as recorded in the effice of the Register of Deeds for said Wayne County, said lot being on the touth side of Fert Street between Riopelle and Orleans Streets. Said mortgage was recorded on the tenth day of Octaber, 1867, in liber 6i of mortgages on page 182 in the office of the Register of Deeds for said Wayne County. It was assigned to George McIver Nevember 27, 1883, McIver assigned it to John W. Thompson June 27, 1884, and Thompson executed and delivered an assignment of it to the undersigned James J. Atkinson and Dwight C. Raxford on December 24th, 1884. Default has been made in the payment of interest due April 5th, 1885, and in previous payments, and we claim that there is now due on said mortgage the full principal one hundred dollars and thirteen dollars interest; notice is hereby given that by virtue of the power of sale in said mortgage we shall on the seventh day of August, 1885, at one o'clock, P. M. sell said premises at public vendue at the Griswold Street entrance to the City Hall in Detroit, the place for holding the Circuit Court for said County.

JAMES J. ATKINSON,
DWIGHT C. REXFORD,
Assignees of Mortgage.

Dated Detroit, May 6th, 1835.

CTATE OF MICHIGAN.—In the Superior Court of Detroit, in chancery.

Avis Gray, complainant, vs. Robert Gray, defendant. At a session of said Court held at the Court Room in the City of Detroit, May the 9th, 1885. Present Hon. J. Logan Chipman.

Upon due proof by affidavit that Robert Gray, defends nt in the above entitled cause pending in this Court resides out of the State of Michigan, and in the British Provinces of North America, and on motion of William Look Solicitor for Complaint ant it is ordered that the said defendant de appear and answer the bill of complaint, filed in the said cause within four months from the date of this order, else the said bill of complaint shall be taken as confessed, and further, that this order be published within twenty days from this date, in the Michigan Framer, a newspaper printed in the said County of Wayne and be published there once in each week for six weeks printed in the said County of Wayne and be pablished there once in each week for six weeks in succession; such publication, however, shall not be necessary in case a copy of this order be served on the said defendent personally, at least twenty days before the time herein prescribed for his appearance.

Dated this 9th day of May, A. D. 1885.

J. LOGAN CHIPMAN,
A true copy; attest: Judge of said Court.
W. E. BAUBIE, Deputy Register.

WILLIAM LOOK,
Complainant's Solicitor and of Counsel.

Complainant's Solicitor and of Counsel.

CITATE OF MICHIGAN.—Circuit Court for the County of Wayne. In Chancery. Famile A. Fuller vs. Henry S. Fuller.

At a session of said Court held at the City of Detroit on the sixth day of May, A. D. 1968. Present, Hon. William Jennison, Circuit Judge.

It satisfactorily appearing to the Court by affidavit on file that the defendant, Henry S. Fuller, is not a resident of this State, but when the same was last known to complainant was in the State of New York, while his present residence is unknown to her, on motion of Mr. James W. Romeyn. Sol citor for Complainant, it is ordered that the said Henry S. Fuller cause his appearance to be entered herein within five months from the date of this order, and in case of his appearance that he cause his answer to the complainant's bill of complaint to be filed, and a copy thereof to be served on the complainant's bill of complaint to be filed, and a copy of said bill and notice of this order, and that in default thereof, said bill be taken as confessed by the said non-resident defendant. And it is further ordered that within twenty days after service on him of a copy of the order to be published in the MicHean Farner, and enveloped the said complainant cause a copy of this order to be published in the MicHean Farner, a newspaper printed, published and circulating in said County, and that such publication be continued therein at least once in each week for six weeks in succession, or that she cause a copy of this order to be personally served on said defendent at least twenty days before the time above prescribed for his appearance.

(Signed) WILLIAM JENNISON, Solicitor for Complainant.

COMMISSIONER'S NOTICE.—In the man-

Solicitor for Complainant.

COMMISSIONER'S NOTICE.—In the matter of the estate of Edward P. Earl, deceased, we the undersigned, having been appointed by the Probate Court for the County of Wayne, State of Michigan, commissioners to receive, examine and adjust all claims and demands of all persons against said deceased, do hereby give notice, that we will meet at the office of Samuel Post, 32 Lafty-ette Avenue, Detroit, in said County, on Saturday, the 25th day of July, A. D. 1885, and on Saturday the 26th day of September, A. D. 1885, at ten o'clock, A. M. of each of said days, for the purpose of examining and allowing said claims, and that six months from the 27th day of March, A. D. 1885, were allowed by said Court for creditors to present their claims to us for examination and allowance.

Dated April 10th, 1885.

SAMUEL POST,
J. EDWARD WARREN,
Commissioners.

Commissioners.

A Ta session of the Circuit Court for the Count.
A ty of Wayne in Chancery convened and held at the Circuit Court Room in the City of Detroit, on the sixth day of May in the year one thousand eight hundred and eighty-five. Present: Hon. William Jennison, Circuit Judge.

Mary A Stockwell vs. George A. Stockwell.
In this cause it satisfactorily appearing to this court from affidavit now on file in this cause, that the defendant, George A. Stockwell, is not a resident of the State of Michigan, but a resident of the State of Michigan, but a resident of the State of Michigan, but a resident of the State of Louisians. On motion of Atkinson, solicitors for complairant, it is ordered that said defendant, George A. Stockwell, cause his appearance to be entered in this cause and answer the complaint filed therein on er before September 7th, 1885,

WILLIAM JENNISON, Circuit Judge.

MILLIAM JENNISON, Circuit Judge.

MILLIAM JENNISON, Circuit Judge.

A PRIZE Send six cents for postage, and receive free a costly box of goods which will help you to more money right away that anything else in this world. All, of either sex, succeed from first hour The broad road to fortune opens before the workers absolutely sure. At once address Taua & Ce., Augusta, Maine

\$250 A MONTH. Agents wanted. 90 bosts of ing articles in the world. I mample free the world.

de only by C. I. Lowell, Mass. It st skill and care, saparilla may be re, honest and reConducted by Prof. Robert Jennings, late of Philadelphia, Pa., author of "The Horse and its, Biseases," "Cattle and their Diseases," "Sheep, stains and Poultry," "Horse Training Made Bass," is the Professional advice through the columns of this journal to regular emberibers free. Perties desiring information will be required to send their full name and address to the office of the Farmen. No question will be answered by made unless accompanied by a fee of one dollar. In order that correct information may be given consult your own interest by making careful examinations of your animals; note every symptom, no matter how trifting it may appear to be; examinations of your animals; note every symptom, no matter how trifting it may appear to be; examines the nostrils, lining membrane of the eyelida, note their appearance, the respiration, temperature of the body and legs, condition of the bessels, kidneys, &c., cough, discharge from the lessels, kidneys, &c., cough, discharge from the meas, eyes or mouth; or any other symptom you may observe. In cases of lamenees, note the manner in which the animal picks up the foot, carries the leg forward, or backward, sweaking sensitive to the touch or otherwise, soft or hard. These the touch or otherwise, soft or hard. These the touch or otherwise, soft or hard. These the the disease, seat of lamenees in obscure cases, with some degree of certainty. The appears and what treatment, if any, has been resorted to. Private address, 201 First Street, Detroit.

Grub in the Head of Sheep.

HUBBARDSTON, May 11th, 1885. Yeterinary Editor Michigan Farmer.

As we are loosing, some of our best sheep in this vicinity from grnb in the head, I thought it would be well to ask a few questions in regard to the plague through your valuable paper: 1st. Is mare a cu. Sid how give a preventitive n you can. At how give a preventitive n you can. At how give a preventitive n you can. The head does the grub find its way into the find of the sheep? 3d, if the grub is ejec. from the nostril do they develop into the kind of fly ready to deposit more eggs into the nostril of other sheep? 4th, does ranning on low flat land make any difference? I could go on and ask more questimated. As we are loosing, some of our best ence? I could go on and ask more ques-tions, but will not. Please give me all the information you can in regard to them And oblige, A NEW SUBSCRIBER. and their habit.

Answer .- First, the presence of the larva of the astrus ovis in the head of sheep are not regarded by the veterinary profession, as injurious to the animal, when not in large numbers, though they may add to the irritation of inflammatory diseases, such as catarrh which attack the mucus membranes lining the nasal cavities. We know of no cure, or means of dislodging the grub when once settled in the frontal sinuses. Many suggestions have been made from time to time, but all have proven failures. Second, instinct teaches the æstrus evis, or sheep fly, to deposit its eggs within the nostrils of the sheep during the summer months. The egg is at once hatched by the warmth and moisture of the parts; the young grub then commences its journey up the ostrils to its winter habitation, the frontal sinuses, where it remains until developed the following spring. Third, when the grub is ejected from the nostrils by the sheep sneezing it speedily burrows into the ground; the skin contracts, changing to a brown color assuming the form of a chrysalis, from which state in due time it emerges as the parent fly, again to make its attack upon the sheep. Fourth, the astrus ovis, or bot fly of the sheep, are more numerous in woody or meadow pastures, than on high dry land. A preventive is smearing the noses of the sheep with tar during the season the flies are prevalent.

Probably Plethora in a Horse.

THORNTON, May 17, 1885. inary Editor Michigan Farmer.

Srm:—You will find \$1 50 enclosed for which please send me Jennings work on the Horse and its Diseases. Plese advise me through the columns of the FARMER how to treat my colt. He is a bright bay stallion four years old next June. Last spring he seemed healthy and in good condition and covered 28 mares but never the two three in a day. He was pring the seemed healthy and in good condition and covered 28 mares but never the two or three in a day. He was pring the seemed healthy and the give our opinion and advice in the next two conditions. In the sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars of spot and 91,000 bu. of furners. Quotations closed \$4.6 higher than on Saturday. The sates amounted to 19 cars more than two or three in a day. He was lead out on the road one day in each week and traveled about 10 miles. He was very and traveled about 10 miles. He was very spirited and would fret causing him to sweat a good deal. Had good feed, but his coat began to lose its brightness, and towards fall he began rubbing his mane and rubbed it nearly all off, the short part sticking straight up. I gave him some condition powders and he stopped rubbing his neck, but his hair has not regained its natural brightness, but looks dull. He appears lively, but is troubled with the lampas and does not eat good. We feed him corn, oats, bran and hay. Kept no blanket on him, for he tears them off with his teeth. What shall I put on his neck to What shall I put on his neck to cause his mane to grow out rapidly, and what is the best course to pursue to bring him into good condition and make his coat look and glossy.

Answer.-The rubbing of the mane is cause, unknown to us. Wash the skin when dry apply a little vasaline well rubbed in once a day. For lampas all that is necessary is to lance the bars near the incision teeth, an ordinary pocket knife will answer the purpose. Give internally the following: Socatine aloes, pulv., two ounces; nitrate potassa, pulv., three ounces; gentian root, pulv., three ounces; jamaica ginger root, pulv., one ounce; mix all together and divide into 12 powders, give one night and morning in the feed or on the tongue. Give no corn or corn-meal; but good clean oats and hay in moderate quantity. If his hide is scurfy, select a warm day, wash him all over with couple of inches when down but is in couple of inches when down but is in couple of the time while standing unless that the two years of the time a line two years of the two years o castle soap and water, using a soft flesh brush for the purpose; then apply the following: Hyposulphite sods four ounces. disolve in one gallon rain water, rubbing well with the flesh brush. One or two such baths are usually sufficient to create healthy action in the skin when properly applied. We forwarded the book by mail.

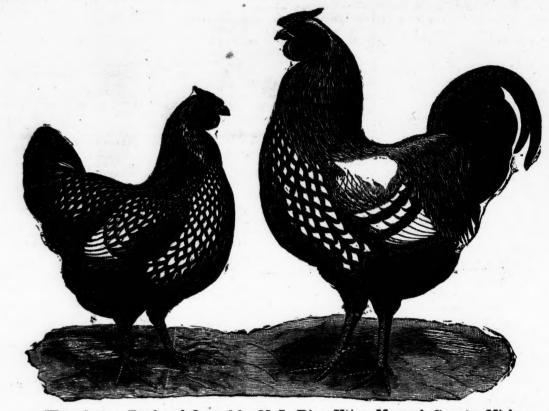
Hock Joint in a Horse.

ADRIAN, May 15, 1885.

Veterinary Editor Michigan Farmer. DEAR SIR:-Being a subscriber, I would like to ask a favor. Can a horse wear one

retained in it dently contracted to be seven years old, lame in hind leg. Dr. Waldron calls it acute spavin. Told me to blister. Have blistered it twice with corrosive sublimate, turpentine, and camphor gum, but have failed to make a cure. L.

Answer .- When wearing the muzzle the horse at pastv cribbing The 9th annual Tri-State Fair will be alewly, by drawing the can graze held at Toledo, Ohio, September 7th to his mouth from either allowly into unless the grass a side of the muzzle. allowance would be scansy. The accom-



Wyandottes, Bred and Owned by M. L. Rice, Utica, Macomb County, Mich.

ing cut gives a correct idea as to pan auld be made and attached to the



halter. Its use does not interfere materially with his eating grain, unless it is scattered or scanty. Its application does not effect a cure; but is only a preventive while it is worn. Your veterinary surgeon, after an examination of the injured leg, diagnosed acute spavin, which indicates a speedy union of the small bones of the hock joint involved in the injury, the final termination of which is, in surgical ing. phraseology is anchylosis of the hock joint. (A joint permanently rigid.) But does not extend to the forward and backward motion of that joint. Unless the bony enlargement, the result of acute inflammation is large, few persons would notice anything peculiar in the gait of the animal, or appearance of the joint after the lameness disappears, counterirritation, by blistering, fireing, etc. are recommended by veterinary writers, each having their favorite remedies, but all tending to the same end. Your veterinary surgeon having the advantage of us in a personal examination of the animal is better enabled to select the proper application in the case than one not having the animal before him. The dissatisfaction with owners of horses in the slow progress of recovery from lameness is no fault of the

Cramp in the Horse.

HOLLY, Mich., May 14, 1885. Veterinary Editor Michigan Farmer.

Please tell me what to do for a that appears to have cramps in his hind legs or parts. Seems to be spasmodic, can't move his feet backwards in stable. Seems to catch, but slap him or speak sharp and he will move all right. He is seven years old, light bay color, weighs about 1350, is 17 hands high, and is a valuable animal. He has been worked all the time; eats well, an seems to feel well

Answer.-When a horse has an attack of cramp; it usually yields to the applicadue to irritation of the skin from some tion of Evinco Liniment, applied with hand friction. Turpentine and camphor clean with castile soap and water, and liniment is also good. An animal subject to cramp should have once or twice a week in his feed, half drachm doses nux vomica, pulv., continue for three or four weeks. Good grooming with moderate exercise are heneficial in such cases

Prolapsus Ani in a Ewe.

FLUSHING, Mich., May 8, 1885. Veterinary Editor of the Michigan Farmer.

Sir.-I have a fine two years old ewe most of the time while standing unless he coughs when it is thrown out quite readily.

Answer .- The trouble with your ewe, is eversion of the rectum or prolapsus ani. Treatment, when the animal is constipated, the rectum should be carefully emptied as far as possible by means of the greased finger. The protruded intestine carefully Orfbbing Muzzle, and Injury of the washed with tepid water and castile soap; then it should be bathed with sweet oil or hog's lard, and the intestine carefully returned in place. Inject the rectr twice a day with the following solsulphate zinc, one drachm;

half an ounce; rain water, co sycerine, of your cribbing muzzles while running half an ounce; rain water, configuration pasture and feed all right? If so will and shake well before use are pint, mix, you give me a cut of one if I can get them animal in a standir ing. Keep the made here?

One more question: Is there any cure intestine is sufficiently contracted to be retained in it- dently contracted to be ound, mix well together and give half

an ounce twice a day. 12th, 1885. The Secretary of the fair is Charles Reed, Toledo, who will furnish s very short, when his inquirers with all information regarding \$18. Saturday—10 loads: Three at \$19; two at \$21, \$21 50 and \$20; one at \$18.

Wyandotte Fowls.

This new breed of fowls is really one of the handsomest known to fanciers. They are of large size, cocks from eight to ten lbs., and hens from six to eight lbs., have plump square bodies, clean yellow er, poultry raiser or fancier. Besides the Wyandottes, which come from the yards of Weston & Hawkins, Mr. Rice is breeding Partridge Cochins of Philander Williams and Foote strain, Light Brahmas of Philander Williams blood, and Black Breasted Red Games; Langshans, Brown Leghorns, White Leghorns, and Plymouth Rocks. We can recommend Mr. Rice as a careful and reliable breeder to any one wanting fowls of the varieties he is breed-

#### COMMERCIAL.

DETROIT WHOLESALE MARKET.

DETROIT, May 26, 1885 Plaur.—Receipts for the week, 1,945 bbls. against 2,938 the previous week, and 2,430 bbls. for corresponding week in 1884. Market is quiet even o duliness. Outside of the local trade there is very little movement in any direction, the fluctuations in wheat making buyers very conservative.

@9c, and low grades at 5@6c. Eggs.-Quoted at 11%@12c per doz, for fresh Honey.-Market dull at 13c per lb., for 1 lb.

rames, and 10@11c for 5 lb. frames. Strained,

Dried Fruit.-Sun-dried apples, 31/04c per lb.; evaporated 6@7c; pears 10c; peaches 12c. Inuiries light but supply good.

Grain Bags.—American A, \$18 50; Stark A \$22 50; Mt. Vernon, \$19 58. Hay .- Market quiet but firm, with good baled timothy on track quoted at \$16@18 per ton, and small lots at \$18@20. Straw in demand at \$8 50@

Beans .- Sellers are asking \$1 25@1 28 for car ots of fine picked stock. Unpicked are selling at 75c@\$1 per bu. Small lots of picked sell at \$1 30

Potatoes.-Market dull. Early Rose of track are quoted at 35@38c per bu. In small lots notations are 40@45c. Onions.—Quotations are \$1 30@1 75 per 'su. Hops.—Nothing doing, and prices e attrely nominal. Held at 15@20c in store. Peas.—Very quiet; Wisconsin h

1 00; field, 80@90c. Maple Sugar.—Weak and slow at 8@9c pe \$1 00: field, 80@A90c. Maple Syrup.— dallon cans 80@90c. Marke

\$1 90; mi" over, prime, \$5 25 per bn.; timothy net, \$1 05; Hungarian, \$1 05. wberries.-Quoted at \$1 50@2 00 per cas visions.-Market easier, although barreled and bacon are a little lower, as is also tallow tations are as follows:

CATTLE.—Receipts 37,910 against 38,715 the previous week. Shipments 14,832. The offerings of cattle on Monday numbered 8,400 head, and with what was left over from Saturday the sup-ply was large. There was an active demand, and while holders at the opening expected a heavy cut in prices, the day's business was transacted at a decline of only 5@10 cents from the closing rates of last week. Shippers paid from \$4 85 to \$5 75 for common rough to choice steers, the bulk going at \$4 90@5 35. Butchers' stock was weak, plication.

A. MEANN, Kalamagoo, Michigan, Live Stock and Real Estate Anctioneer. Saice made in any part of the United States and Canada. Terms reasonable, and made known on application.

Chicago.

SHEEP,

The offerings of sheep numbered 93, against

1,067 last week. Part of the receipts were wooled

sheep, and for these there is no demand here

Shorn sheep averaging 60 to 90 pounds could be

sold at prices ranging from \$2 50 to \$8 75, accord.

King's Yards.

CATTLE.

The market opened up at these yards with

a very light supply of cattle. Bryers picked up

the supply in a short time, and paid very high

prices for them, chrisderably more than they

could have been sold for on Saturday. Severa

of the wholesale dealers have gone west this

week, and sellers can look for competition from

that quarter from this out. It seems to be the

in the hands of our farmers fit for market.

general impression that there are but few cattle

ing to quality.

cause. Sales of cows were at \$2 50@4 50 for inferior to choice, and fleshy steers at \$4 50@4 90.

For Tuesday and Wednesday the market was active and firm, but on Thursday with largely increased receipts prices fell off 5@10 cents. For the balance of the week prices ruled firm, the market closing on Saturday at the following QUOTATIONS:

the arrivals of grass Texans being the principal

Buffalo.

CATTLE-Receipts 10,231, against 4,488 the pre lous week. The market opened up on Monday

with 65 car loads on sale. There was a good demand for all kinds of fat butchers' cattle and light steers at about the rates of the previous Saturday, May 23, 1885. The following were the receipts at these yard No. No. No.

LIVE STOCK MARKETS.

At the Michigan Central Yards.

The offerings of cattle at these yards numbered

484 head, against 916 head last week. Butchers'

cattle were very scarce, as a good part of the re-

ceipts were made up of stockers. There was an

active demand for the best grades of butchers'

stock, and for this class buyers had to pay a

sharp advance over last week's rates, none of them putting it less than 25 cents per hundred.

For heavy shipping cattle and stockers the mar-

ket was steady at last week's rates. The yards were cleared early in the morning and left a de-

mand for about as many more cattle unsupplied.

QUOTATIONS:

CHOCKETS AND CONTROL OF THE CONTROL

Gleason sold McKeel 12 stockers av 544 lbs at 54, and a bull weighing 1,140 lbs to Caplis at \$3 30. Seeley sold Switzer & Ackley 7 feeders av 958 lbs at \$4 40, and 2 stockers av 785 lbs at \$4 20. Judson sold Oberhoff 10 good butchers' steers

The following were the closing

week, but shippers' cattle of 1,250 lbs and upwards were dull and lower. There were but few ransactions on Tuesday, and the market ruled steady. On Wednesday only six loads were of fered and only a part were sold. Of Michigan cattle, 20 steers av 1,166 lbs sold at \$550; 19 do av 1,260 lbs at \$5 50; 9 do av 1,193 lbs at \$5 20; 8 do av 1,289 lbs at \$5 65; 14 do av 1,369 lbs at \$5 50; 19 do av 1,195 lbs at \$5 40; 18 do av 1,140 lbs at \$5 50; 19 do av 1,196 lbs at \$5 55; 22 do av 1,081 lbs a \$5 65; 24 mixed butchers' stock av 931 lbs at \$4 75, The following were the closing

QUOTATIONS:

steers, stags, old cows, light heir. 

NEW ADVERTISEMENTS.

Engines, Threshing Machiner' & Saw Mills Traction Engine



bas the least gearing, is the strongest and most convenient Engine in use. Their VIBRATING THRESHING MACHINES have the largest separating capacity, and are guaranteed to give the best results obtainable.

Pony & Standard Saw Mills and Portable Engines of all sizes. Send for Illustrated Circulars.

C. & G. COOPER & CO.,

Mt. Vernon, Ohio.

Cuiver sold Wreford & Beck 19 fair butchers' steers av 292 lbs at \$4.62\(\frac{1}{2}\). McCafferty sold Switzer & Ackley 16 stockers av 715 lbs at \$4.20; 4 av 727 lbs at \$4.10, and a bull weighing 610 lbs at \$2.50. Barbour sold Sullivan 15 feeders av 956 lbs at \$4.70.
Frazel sold Switzer & Ackley 6 feeders av 900
lbs at \$4.40; 2 good oxen av 1,455 lbs at \$4.45, and
2 stockers av 705 lbs at \$3.75.
Adams sold Rook 7 stockers av 500 lbs at \$3.80.
Loosemore sold Wreford & Beck 2 good butchers' steers av 1,075 lbs at \$4.75.
Frazel sold George Wref rd 5 fair butchers'
cows av 1,134 lbs at \$3.8736.
Culver sold Rook 5 stockers av 750 lbs at \$4.30,
and 4 av 500 lbs at \$4.

University of the State of New York

AMERICAN VETERINARY COLLEGE 141 West 54th St., New York City. SESSION 1885.6.

The regular course of lectures will commence in October, 1885. Circular and information can be had on application to DR. A. LIAUTARD, M.D., Dean of Faculty, my12eow18

FOR SALE. Monday, May 25, 1885,

Eighty acres of land in Gratiot County. Mich., and the proved, balance timbered with beech maple; good orchard, 12 years old, and large house and barn on premises. Will sell for \$18 per acre; small payment down, balance on long time. Land situate \$4% miles from St. Louis, Mich, a town of 3,000 inhabitants. Address.

F. G. KNEELAND, St. Louis, Mich.

Ziegier's Ebraseurs, knives and hobbles. Instructions given. I will go anywhere in the Union to castrate a club of cidgling horses. Please send for circulars. Prog. G. W. Ziegeze, Kendallville, Ind. 358-4t

SEED POTATOES.

Clark's No. 1, White Star, Beauty of Hebron, Sarly Ohio, Late Ohio, Dumnore, 75 cents per sushel, sacks included, delivered at railroad. Rural Blush. White Elephant, Early Harvest, Felephone and Early Maysower \$1 00 per bushel. SAM'L JOHNSON, Sup't of Farm, Agr cultural College, Lansing, Mich.

in the hands of our farmers fit for market.

Perrin sold Sullivan 5 good butchers' steers av 1,270 lbs at \$5.

'Harger sold Hayes 12 good butchers' steers av 1,000 lbs at \$5, and a thin heifer weighing 790 lbs at \$4.

Brant sold John Robinson a mixed lot of 7 head of fair butchers' stock av 1,006 lbs at \$4, and 4 av 945 lbs at \$420.

Hayes sold Genther 3 good butchers' steers av 1,000 lbs at \$5 25.

Aldrich sold John Robinson a mixed lot of 15 head of fair butchers' stock av 770 lbs at \$425.

Sullivan sold Hersch 4 good butchers' steers av 1,270 lbs at \$5 35.

Sullivan sold Stucker 2 fair butchers' cows av 990 lbs at \$415.

Purdy sold Marx 2 fair butchers' cows av 1,025 lbs at \$48. Farming Land For Sale Cheap Twelve thousand acres of farming land in Glad-in County, Michigan. Good soil, good water, and one of the most healthy counties in the Stake, For particulars inquire of Eugene Foster, agent at Gladwin, the County Seat of Gladwin County, or of BUTMAN & RUST, Saginaw City, Mich. Plats furnishes on application.



NEW ADVERTISEMENTS.

NEW ADVERTISEMENTS.



Our Walking Cultivator

has the best Double-Acting Beam Springs in the market, and is handled with less labor than any other. The JUNIOR is a complete Combined Walking and Riding Cultivator Has no equal, and has the most convenient lifting lever made. All with our Rotary Shields. The SENIOR is sold with 4, 5, 6 or 7 shovels as desired.

made in three sections, each hinged in front on the same line. Beams adjustable to level teeth or give a y required angle. The jointed connections allow it to conform to uneven surface, and adjustable to run any depth. Pressur regulated by the lever. High wheels; Broad tires; a force-feed seeder can be put on any time.





Practically a SELP DUMP RAKE. High Wheels with tires bolted on. Teeth are long and adjustable. Made of Crucible Steel with Oil Temper and has a Lock Lever and Swinging Cleaning bar.

Made of the very best material. Neatly finished Can be operated by a very small boy. Not excelled by any rake in the market. We make both the Coll and Drop Tooth. See it and you will appreciate it.

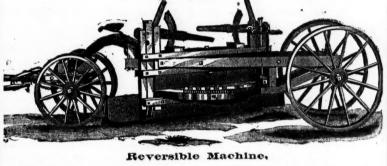
P. P. MAST & CO., Springfield, Ohio,

St. Louis, Mo., Philadelphia, Pa., Kansas City, Mo., San Francisco, Cal., St. Paul, Minn

A NEW ERA IN ROAD MAKING!

Improved Road Machines Manufactured by S. Pennock & Sons Co., Kennett Square, Pa.

The Pennock Road Machine is an invention which has come rapidly into popu-The Pennock Road Machine is an invention which has come rapidly into popular favor because of its simplicity of construction, the excellent quality of the roads made by it, and the vast saving of labor and money by its use. Many of the principal cities and villages of Michigan are using this machine and it is rapidly coming into favor on the country roads where it is destined soon to be generally adopted.



The New Pennock Reversible Machine, the most complete road maker made. Its Reversible features makes it especially desirable in hilly sections of the country as it can be quickly adjusted to work right or left handed, or directly across the road

The company manufacture the following different styles of machines: Improved Pennock Road Machine Victor Reversible,
Daisy, (two wheeled with wood bar)
Daisy, (two wheeled with steel bar)
Matchless Scraper, (standard size)
Spuds, (attachments to above machines)

Matchless Scraper, (largest size).

Any of the above machines sent on two days' trial to responsible parties. All persons interested can obtain valuable information in our new illustrated Catalogue just out, and we furnish free a large colored lithograph of all our machines. We append below notice of AN IN-PORTANT PATENT JUST GRANTED rattles intending to buy machines will do well to

carefully and reflect.

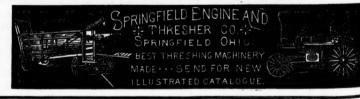
Official Warning to Road Officers and all Parties Contemplating the Purchase or Sale of
Road Machines

We have received official notice from the Commissioner of Patents that a patent filed August 23, 188 has been allowed us and will be issued April 14th, 1885. By this patent we have secured BROADLY mounted Road Machine with front running gear adapted at any angle to the line of draft. Als BROADLY a Road Machine with levers for independent movement of bar, with guides to secure it bar against side or endwise movement. Also, BROADLY in a Road Machine a scraper bar with series of interchangeable and reversible plates forming a continuous cutting edge. Persons families with the Champion, the Waldo, the Lamborn and other Road Machines recently patented will see that they directly invinge upon our claims in principles of fundamental importance.

Therefore to all Whom it may Concern Users of all infringing machines are here med not to make, sell or nee any machines conflicting with the claims of this or any other of on s, as all such parties will be dealt with according to law.

All persons interested in improving roads and streets are requested to send for our New Illustrated Catalogue of Road Machines which contains these and other valuable appliances for facilitating road work, and also instructions for making good roads. All orders and correspondence for Michigan should be addressed to

N. M. CARRETT, State Agent, Jackson, Mich.



Morton Manufacturing Co., ROMEO, - MICHIGAN, -MANUFACTURERS OF-

Morton's Reversible Tread Horse-Power, Monarch Feed-Cutter, and the Monarch Adjustable Swing Saw Table,



Swing Saw Table.

"Aich, with the Feed-Grinder which we sell, comprises the best set of machinery in the market for the general farmer. The Power is made with an adjustable elevation and has a governor which gives it as perfect and steady a motion as an engine and can be adjusted to run the power fast or slow. The Feed Cutter is made with an adjustable steel throat lining, which gives four new cutting edges without extra cost. It has the capacity to cut one ton per hour. The Grinder attached to our Power will grind from 10 to 15 bushels per hour with two horses. For references we direct you to John F. Hagerman, Romee; Hen. A. B. Maynard, Romee; Eugens Smith, St. Clair; Hon. H. H. Hatch, Bay City; Hon. Wm. L. Webber, East Saginaw; G. N. Terrill, Lapeer; S. L. Hozie, South Edmestou, N. Y.

We also make a power especially adapted to Grain Elevators and other stationery purposes, which will elevate five bushels per minute, fifty five feet high, with one horse and medium clevation. For this purpose we refer you to Miller & Annsworth, Swattz Creek, H. F. Bush, Gaines Station; James Johnson, Cassogolis; John Gardner, Oxford. Correspondonce solicited. For further particulars and illustrated circulars address as above. Mention this paper.

A Ta session of the Circuit Court for the Count ty of Wayne in Chancery convened and hele at the Circuit Court Room in the City of Detroit on the 23d day of May, in the year one thousand eight hundred and eighty-ave. Present: Ron William Jennison, Circuit Jucge. on the 23d day of May, in the year one thousand eight hundred and eighty-twe. Present: Hon. William Jennison, Circuit Jacge.

Bridget Kilroy, by W. F. Atkinson, guardian, ad liter, vs. Lawrence Kilroy, Bridget Duggan, William Lyons, Thomas Lyons, John Lyons, Mary Ann Lyons, James Dennison, John Dennison, Edward Dennison, Kate Dennison, Mary L. Battersby and William H. Ebes ts administrator, etc.

In this cause it satisfactorily appearing to this Court from sfidavit on file in this cause that the defendants, William Lyons, Thomas Lyons, John Lyons, Mary Ann Lyons, James Dennison, John Dennison, Edward Dennison, Kate Dennison and Mary L. isatisraby are not residents of the State of Michigan, but reside in O. tarlo, one of the British Provinces of North America, on motion of William F. Atkinson, So ictior for complainant, it is ordered that said defendants, William Lyons, James Dennison, John Dennison, Ray Ann Lyons, James Dennison, John Dennison, Ray Ann Lyons, James Dennison, John Dennison, Raward Dennison, Mary L. Battersby and Kate Dennison, appear in this cause and answer the complain filed therein on or before September 24th, 1855.

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MENSTONE & GIBBONS,

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Agricultural.

That is the Name Under Which the Dute Friesian and Holstein Cattle will He after be Known.

On Tuesday last, at Buffalo, N. Y, joint meeting of representatives of t Dutch-Friesian and Holstein Associatio was held. About 80 members of the tw Associations were present, and the balan of the 281 members were represented proxy. Dr. F. W. Patterson, former pre ident of the Dutch-Friesian Associatio presided at the opening of the convention and explained the principal object their gathering, viz: to receive and a upon the report of the joint committee the two Associations regarding a propos to amalgamate.

By way of explanation it may be state that the Holstein Association is the olde of the two organizations, having bee sogun in 1971, the Dutch Princip ciation was started in 1877. The form had a membership of 200, and the latter total of about 80. There were thus tw herd-books for practically the same bree of cattle, which gave rise to rivalries an misrepresentations that were found to in rfere with the success of both partie While the pedigrees recorded in the olde book numbered some 13,700, those of th younger Association did not exceed 2,500 To put an end to a long controversy amalgamation was suggested on a basi likely to meet the views of both parties A bill was accordingly introduced int the New York Legislature on April 21 o this year to incorporate the Holstein Friesian Association, and this measure received the assent of the Governor of Monday of last week. By this act all prop erty, rights and interests in the previous y existing Holstein Breeders' Association and the Dutch-Friesian Herd-Book Asso ciation of America pass into the hands o the new corporation, under the title of

The joint committee having submitted a e port in favor of consolidation it was dopted by a practically unanimous vote. By the terms of the charter Buffalo is samed as the corporate home of the new Association, but the annual meetings may be held at any other place selected by the convention. Accordingly it was resolved that upon adjournment the next convention be held at Cleveland, Ohio. The following officers of the new organization were duly elected by ballot:

the Holstein-Friesian Association of

President T. G. Youmans, Walworth, First Vice President-Dr. F. W. Paterson, Loch Earn, Maryland.
Second Vice President—W. M. Singery, Philadelphia Record, Philadelphia. Third Vice President—George F. Jackson, Minneapolis, Minneatota.

Fourth Vice President—Frederick C. Stevens, Attica, N. Y.
Secretary and Editor—Thomas B.
Wales, Jr., Iowa City, Iowa.
Treasurer—W. C. Brayton, Syracuse, N.

Directors for two years—G. S. Miller, C. R. Payne, C. W. Hoare.
E. M. Washburn, W. R. Smith.

At the evening session the newly electd officers took their places and President fournans presided. The most important business before the new Association was the adoption of by-laws for its government. As finally adoped they are almost identical with those reported by the committee appointed by the Conference Committee of the two Associations. It was however resolved, and a by-law for that purpose adopted, that the new herd-book should contain pedigree registers only, without any plates, lithographs or records of an advertising nature. It will include inimals of black and white color already registered in the Dutch-Friesian herdook, and their descendants in direct line; also pedigrees of animals described in the Netherlands and Friesian or North Holand herd-books, with their direct des-

cendants. The aim is to make it sub-

stantially a record of every well-bred ani-